AUSTRALIAN COMMONWEALTH
BUREAU OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES

Magnetic Results from Watheroo Observatory, Western Australia

Department of Terrestrial Magnetism
Carnegie Institution of Washington
January 1945 - June 1947

Australian Commonwealth
Bureau of Geology, Geophysics, and Mineral Resources
July - December 1947

W. C. PARKINSON
W. E. SCOTT
F. W. WOOD
ELLA BALSAM

Researches of the Department of Terrestrial Magnetism, Volume VII-C

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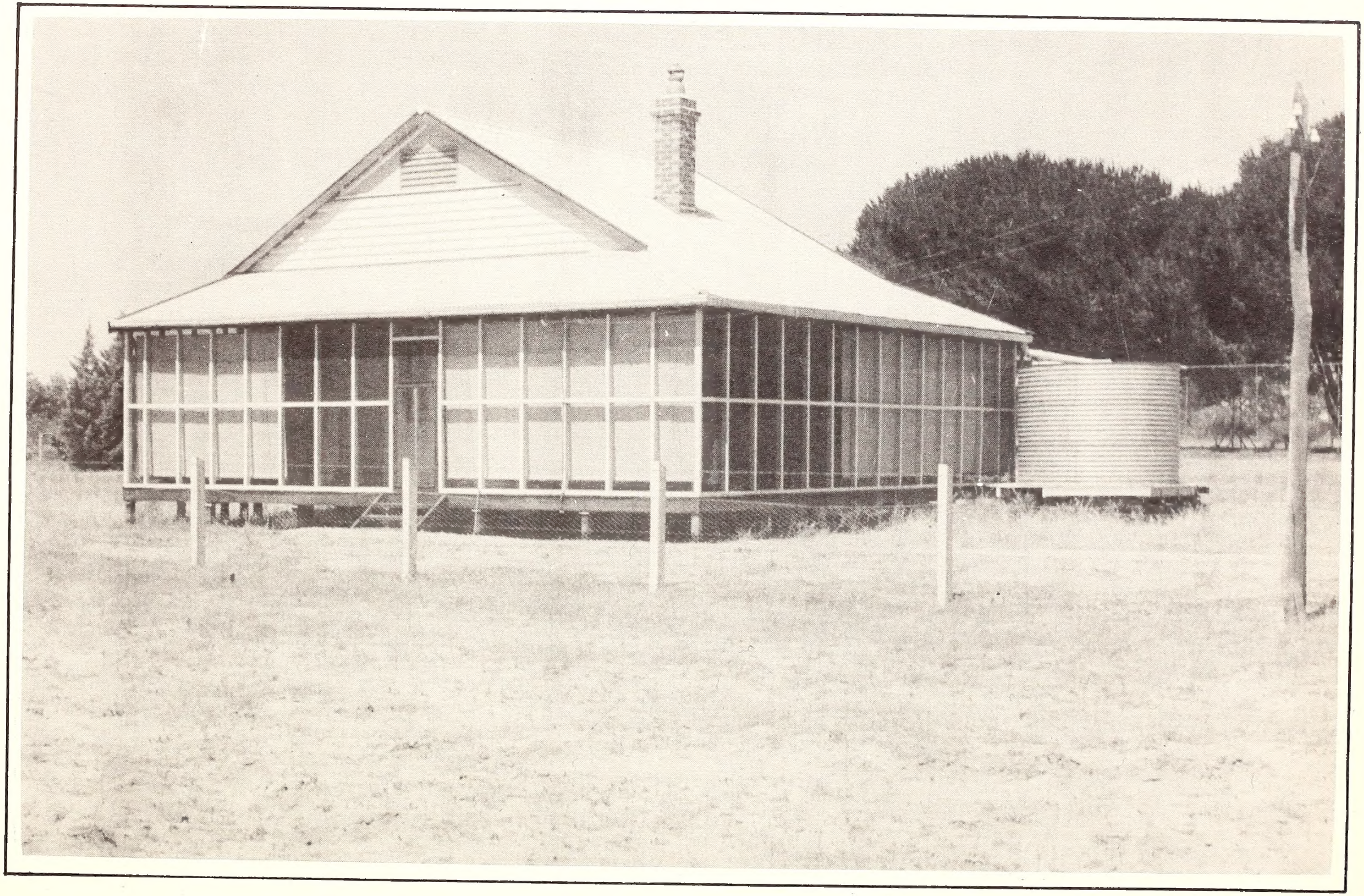

"International House" at the Watheroo Magnetic Observatory

Funds for this structure, to provide quarters for visiting investigators, were furnished by Carnegie Institution of Washington before transfer of the observatory in 1947

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PREFACE

The present volume, Part C of Volume VII of Publication 175, "Researches of the Department of Terrestrial Magnetism," contains magnetic data obtained at the Watheroo Magnetic Observatory in the years 1945 through 1947. Parts A and B of Volume VII, previously published, contain data for the years 1919 through 1935 and 1936 through 1944, respectively.

On July 1, 1947, the Watheroo Magnetic Observatory was transferred by gift from the Carnegie Institution of Washington to the Australian Commonwealth Government. Subsequent to that date the observatory has been operated under the Commonwealth Department of Supply and Development by the Bureau of Geology, Geophysics, and Mineral Resources, of which Mr. J. M. Rayner is Chief Geophysicist. In consequence, this volume marks the conclusion of the publication program of the Carnegie Institution of Washington with respect to the Watheroo Magnetic Observatory by the inclusion of magnetic results up to June 30, 1947. This volume also includes, by mutual agreement, the magnetic data collected at the observatory during the first six months of operation under Australian auspices; its publication is, therefore, a joint effort of the two agencies.

For details of the early history and development of the Watheroo Magnetic Observatory the reader is referred to Part A of Volume VII, where detailed descriptions of the observatory buildings and of the various types of measurements made at the observatory will also be found.

The data are tabulated as hourly values on monthly tabulations, separate tabulations being given for horizontal intensity, vertical intensity, and declination.

Table 1 of Part VII-C gives the names of the observers-in-charge and the members of the staff who participated in the collection of the magnetic data during 1945 to 1947. The work of interpretation of the material and its preparation for publication has been done in Washington by W. C. Parkinson and W. E. Scott. Miss E. Balsam has been responsible for the preparation of the numerous tabulations of data which are presented. Miss M. H. Walburn has prepared final copy of the manuscript and completed the layout of the volume for printing by the offset method.

M. A. Tuve, Director
Department of Terrestrial Magnetism

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MAGNETIC RESULTS FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1945-1947

INTRODUCTION

The Watheroo Magnetic Observatory is situated in latitude 30° 19′.1 south and longitude 115° 52′.6 east, at an elevation of 245 meters (805 feet) above sea level, 212 kilometers (132 miles) north of Perth, and about 20 kilometers (13 miles) west by road from Watheroo, a station on the Midland Railway. The distance to the nearest point on the railway is 17 kilometers; to westward from the observatory, 90 kilometers of sand plain extend to the Indian Ocean.

The geomagnetic co-ordinates of the site, reduced to epoch 1922, are latitude (Φ) 41°.8 south and longitude (Λ) 174°.4 west; the bearing of the geomagnetic meridian relative to geographic meridian (Ψ) is 1°.3 east.

The terrain is a level stretch of sand plain, clear of tall timber and covered only with small banksia trees, low bushes, and coarse grass. The surrounding country is slightly undulating, with occasional groves of eucalyptus or casuarina trees; it is quite unsuited for agriculture. Climatic conditions are favorable to the work of the observatory. The average maximum temperature during midsummer (January and February) is about 35° C, but the nights are cool, with the temperature usually falling below 20° C. The winter months are moderately cool. The mean annual rainfall is about 40 centimeters (16 inches), 75 per cent of which occurs between May and September.

The buildings of the observatory include combined magnetic-variation observatory and library, office building, absolute magnetic observatory, atmospheric-electric observatory, ionospherics laboratory, spectrohelioscope building, photographic darkroom, powerhouse, workshop and garages, observers' quarters, auxiliary living quarters, and miscellaneous smaller buildings. During 1947 an additional four-room dwelling was constructed with funds provided by the Carnegie Institution of Washington; it is known as the "International House" and is intended for the use of visiting investigators. A picture of the "International House" forms a frontispiece to the present volume.

Detailed descriptions of the observatory buildings and of the various types of measurements made at the observatory have been given in a preceding volume covering the magnetic results for the years 1919 to 1935 [1].

DESCRIPTION OF INSTRUMENTS

Absolute Instruments.--Magnetometer DTM CIW No. 7 was used throughout the period 1945 to 1947 for absolute determinations of declination and horizontal intensity. A detailed description of this instrument and of the method of using it is given on pages 5 and 6 of Volume VII-A [1]. The instruments and the forms on which the observations are recorded are illustrated in that volume in Figures 18, 20, 21, and 22.

Earth inductor DTM CIW No. 2 and a sensitive Plath galvanometer were used from 1945 to 1947 for the absolute determinations of inclination. This instrument, like the magnetometer, is described in Volume VII-A, on page 6, and illustrated in Figure 19, and the form on which the observations are recorded is shown in that volume in Figure 23.

Constants of the magnetometer and earth inductor were determined in 1916 and were assembled as the adopted set of constants under date of May 24, 1916. This set of constants was used in all computations of absolute values of declination, horizontal intensity, and inclination during the years 1945 to 1947.

Variation Instruments.--Magnetograph DTM CIW No. 1, of the Eschenhagen type, consisting of declination (D), horizontal-intensity (H), and vertical-intensity (Z) variometers, was kept in operation throughout the period 1945 to 1947. A la Cour rapid-running magnetograph, on loan from the International Polar Year Commission, having three variometers and one photographic recorder, was also operated, as a stand-by instrument. It was used to supply data when loss of record occurred on the Eschenhagen apparatus, and during disturbed magnetic conditions, to verify results obtained from the Eschenhagen records. The variometers of the la Cour apparatus were mounted west of the recorder on a pier at the north end of the variometer room; in the Eschenhagen apparatus, the variometers were mounted east of their recorder on a pier located at the south end of the room.

Time Control of Variation Instruments.--Time marks were made photographically at regular intervals on the traces of both magnetographs, appearing as lines perpendicular to the base lines of the variometers. To obtain time marks for the Eschenhagen apparatus, a lamp having a horizontal slit was mounted on the wall of the variometer room directly east of the recorder at the height of the axis of the recorder drum. A cylindrical lens in front of the lamp slit confined the beam largely to a horizontal pencil which was adjusted to cover the central part of the cylindrical lens in front of the recorder drum so that the latter lens brought the pencil to focus on the photographic paper as a sharp line parallel to the axis of the drum. The lamp was automatically lighted for about two seconds at ten-minute intervals and for approximately four seconds at hourly intervals by a Landis program machine located in another building at a considerable distance from the variometer room. The longer duration of the hourly marks made them readily distinguishable from the ten-minute marks.

For the la Cour magnetograph, another lamp, also automatically operated by the Landis program machine, provided time marks at five-minute intervals, the hourly marks being of longer duration, as in the Eschenhagen apparatus. No relays or accessory devices were used in the variometer room.

The program machine was controlled by a reliable electrically operated clock, having a one-meter mercury-compensated pendulum. Corrections to the clock, obtained from triweekly comparisons with time signals from the National Bureau of Standards, Washington (Station WWV), were maintained between plus and minus five seconds.

Temperature Control of Variation Instruments.--Temperature changes in the variometers were photographically recorded by means of thermometric devices in the H and Z variometers. Thermometers mounted on the variometers were read morning and evening for control. The amplitude of diurnal variation in temperature seldom exceeded 0°.1 C, and hourly mean variometer temperatures were generally obtained with sufficient accuracy by interpolation between the morning and evening thermometer readings. Monthly ranges of variometer temperatures and monthly means for 1945 to 1947 are given in Table 2.

CONSTANTS OF THE MAGNETOGRAPHS

Orientation of Variometer Magnets in Magnetic Meridian, Prime Vertical, and Horizontal.--In order that the variometer magnets may record correctly the changes in their respective elements, it is necessary that the H magnet be in the prime vertical, the D magnet in the magnetic meridian, and the Z magnet truly horizontal. Tests for the fulfillment of these conditions were not made as frequently as desirable in the earlier years. The variometer magnets were correctly aligned when installed in 1919. Orientation tests were first made in 1936 and were repeated, with some refinement in technique, in July, 1940, and again in July, 1945. A detailed account of the earlier tests for the variometers of both the Eschenhagen and la Cour recorders, together with the appropriate adjustments made as a result of these tests, is to be found on pages 2-5 of Volume VII-B [2]. The results of tests made in 1945 are discussed later.

Magnetogram Shrinkage Corrections and Scalings.--Magnetograms show considerable change in linear dimensions as a result of photographic processing. To obtain the corrections for shrinkage or expansion, each magnetogram, as soon as it was removed from the recorder drum, was inserted in a marker and pricked by several pairs of points, the distance between the points of each pair being accurately known. The distances between several pairs of holes on the magnetogram were measured at the time of scaling the records, and the corrections were obtained through comparison of these measurements with the known separation of the pricker points. Corrections for shrinkage or expansion were applied in the scaling of all tabulated data for the years 1945 to 1947.

The average ordinate of the horizontal- and vertical-intensity traces on the Eschenhagen magnetogram was scaled, in millimeters, for each hourly interval bounded by integral hours of 120th east meridian mean time, and was corrected for shrinkage, tabulated on an appropriate form, and independently checked at the observatory. The same applies to the Eschenhagen declination trace except that, by the use of a single table appropriate to the measured shrinkage or expansion, the average ordinate, measured in millimeters, was corrected for shrinkage or expansion and converted to minutes of arc before being tabulated.

Eschenhagen Declination Variometer

Orientation of Magnet.--Torsion observations from time to time, and tests made in 1945 with a large auxiliary magnet as described in Volume VII-B [2], indicated that the axis of the magnet was parallel, or effectively so, to the magnetic meridian as determined in the absolute observatory.

Scale Value.--Certain dimensions and other constants of the magnetograph fix the scale value of the declination variometer. The formula used for determination of scale value contained a term for the effect of the torsion of the fiber. Redeterminations of scale value at intervals of one year indicated that for the years 1945 to 1947 a change of one millimeter on the magnetogram corresponded to a change of 1'.03 in declination.

Eschenhagen Horizontal-Intensity Variometer

Orientation of Magnet.--The orientation tests of July, 1940, and July, 1945, indicated that the H-variometer magnet did not depart from the prime vertical position by more than approximately 1° during that interval, because the torsion head of the variometer was turned to restore the magnet to the prime vertical whenever temperature effects caused departures as great as 0°.5 to 0°.6.

Temperature Coefficient.--An increase of one degree centigrade in the temperature of the magnet of the H variometer caused a decrease in the ordinate h corresponding to an apparent decrease of 13.5γ during the years 1945 to 1947.

Scale Value.--The scale value was determined, at monthly intervals in the years 1945 to 1947, by deflection observations on the D and H suspended magnets with a small auxiliary magnet placed at the three distances 28, 29, and 30 cm. The scale values obtained from these observations are given in Table 3, together with the computed and adopted values of A.

To obtain the values of A, the value of B was taken as 0.005 for the years 1945 to 1947. This value of B was used with appropriate values of h, the ordinate of horizontal intensity in millimeters from the base line, and of scale value, ϵ_h, in the formula

$$\epsilon_h = A + Bh$$

In Table 3, it will be noted that no major changes occurred in the value of A during the years 1945 to 1947.

For the conversion of the horizontal-intensity magnetogram hourly mean ordinate, in millimeters, to gammas, the formula used was

$$\Delta H = [A + Bh/2]h$$

where h is the ordinate in millimeters from the horizontal-intensity base line. The value of horizontal intensity in gammas was obtained from the base-line value plus ΔH, except for the correction for temperature.

Eschenhagen Vertical-Intensity Variometer

Orientation of Magnet.--Tests made in 1940 and 1945, with a large auxiliary magnet, indicated that the axis of the Z-variometer magnet was horizontal for all practical purposes during that time. Owing to the effects of temperature on the variometer magnet, departures of as much as $0^\circ.5$ from the horizontal were tolerated; when this value was reached, the position of the recording spot was adjusted to a location nearer the base line to prevent further departure. Such adjustments are included in the list of abrupt changes in Z base line given in Table 10.

Scale Value.--Determinations of Z scale value were made almost daily during the years 1945 to 1947 by means of the Helmholtz-Gaugain coil which was installed in September, 1933. An account of the method employed in these determinations is given on page 6 of Volume VII-B [2].

The Z scale values for 1945 to 1947 are given in Table 4. An inspection of this table will show that there were no major changes in scale value during the three years. Most of the changes in the adopted values were either the result of deliberate adjustment of the recording position of the variometer or incidental to seasonal adjustments of the recorded temperature spot. The approximate mean values for the years were: 3.5γ/mm for 1945, 3.2γ/mm for 1946, and 3.2γ/mm for 1947.

Temperature Coefficient.--An increase of one degree centigrade in the temperature of the Z-variometer magnet caused a decrease in the ordinate h corresponding to an apparent decrease of vertical intensity of 13.5γ for the years 1945 to 1947.

ABSOLUTE OBSERVATIONS AND VARIOMETER BASE-LINE VALUES

Determinations of Declination.--Observations of declination were made weekly with magnetometer DTM CIW No. 7 during the years 1945 to 1947. An observation consisted of two sets of measurements, reasonably spaced in time. Each set involved four readings with the magnet erect and four with the magnet inverted. These readings were preceded and followed by readings on a "mark" of known azimuth. A correction of $-0'.2$ (easterly declination considered positive) was applied to observed values of declination to reduce them to international standard.

Determinations of Horizontal Intensity.--Observations of horizontal intensity were made weekly throughout the years 1945 to 1947 with magnetometer DTM CIW No. 7. Each observation consisted of two sets, the first with magnets erect and the second with magnets inverted. In the first set, oscillation measurements were made first, and then deflection observations at three distances. In the second set, the deflection observations were made first. A correction was applied to the observed values to reduce them to International Magnetic Standard, as specified in the summary of constants for magnetometer No. 7, dated May 24, 1916. The equation for this correction is as follows:

$$H_{corr} = [-0.00074 + (1926.0 - t)0.0000517]H$$

where t represents the epoch for which the correction is being made. This formula is the result of an analysis of determinations of moment of inertia of magnet 7L and its suspension, made at intervals between 1916 and 1947.

Determinations of Vertical Intensity and Inclination.--The ordinates of the Eschenhagen horizontal-intensity record and the adopted horizontal-intensity scale values and base-line values were used in conjunction with observed inclination to obtain "observed" vertical intensity from the equation $Z = H \tan I$. Two sets of inclination observations were made each week, the first set preceding and the second set following the observations of declination and horizontal intensity. Through the years 1945 to 1947 the inclination observations were made with earth inductor DTM CIW No. 2. Each set was composed of four settings with the coil axis vertical and four with the coil axis inclined, all with vertical circle east, followed by four settings with the coil axis vertical and four with the coil axis inclined, all with vertical circle west. No correction to International Magnetic Standard was necessary for values of inclination obtained with earth inductor No. 2.

Comparisons of Absolute Instruments.--During 1945 to 1947, no opportunity occurred for intercomparisons between the observatory standard absolute instruments and other observatory or field equipment.

Base-Line Values.--Tables 5 to 10, inclusive, give the discontinuities of adopted base-line values, the observed base-line values, and the base-line values adopted for the times of absolute observations of the elements D, H, and Z for the years 1945 to 1947. There was no specific rule for interpolating among observed values, such as the ones used by some observatories abroad. Rather, the adopted values were derived from the observed values by careful consideration of the individual values and the monthly means; in case of irregularity the concurrent performance of the la Cour magnetograph was taken into consideration.

In the course of routine base-line computations, comparisons were regularly made between the ordinates used in reducing the absolute observations and those embodied in the tabulations of hourly values, in order to find any systematic disparity such as might readily arise in scaling.

BASIC HOURLY VALUES AND ASSOCIATED MEANS

Basic Results.--Tables numbered 14 to 121 contain hourly values of the magnetic declination, horizontal intensity, and vertical intensity. The values represent the means for successive periods of one hour, the first period for each day being that for the hour commencing at midnight, 120th east meridian mean time. To avoid the use of signs, the tabulated values of declination and of vertical intensity are in their numerical sense, since both westerly declination and vertical intensity are negative in the algebraic sense. The values were obtained from records of the Eschenhagen magnetograph, except for occasional brief periods of faulty instrumentation or excessive disturbance of the record; on such occasions the values were supplied or verified from the records of the la Cour magnetograph.

Scalings from the magnetograms, in terms of millimeters of deflection from base line for horizontal and vertical intensity, and in terms of degrees and minutes of arc for declination, were made and checked by the observatory staff for the period 1945 to 1947. Scale values and base-line values were likewise computed and checked at the observatory. Conversion of scalings in horizontal and vertical intensity to gammas (after adoption of adjusted scale values and base-line values) was done at the laboratory in Washington, except for the period June to December, 1946, during which time the conversions were made at the observatory.

The temperature coefficients of the horizontal- and vertical-intensity variometers were obtained from a statistical analysis of the variations in the observed base-line values with temperature.

Maximum and Minimum Values.--The maximum and minimum columns on the tabulations of hourly mean values for each of the elements contain the momentary extreme values of the element for each day, together with the 120th east meridian mean time of their occurrence.

Character Figures.--The figures in the "character" column were assigned on the same scale of 0, 1, and 2 as used for the international magnetic character figures, but they refer to calendar days (120th east meridian mean time).

Computed Means.--The line at the bottom of each table shows average hourly values obtained from all days, the days being taken according to local or 120th east meridian mean time.

In previous volumes [1,2] separate means, applying to groups of certain selected days, were given on three lines below the means for "all days." These separate means have been omitted in the present volume, but the spaces provided (with their headings and footnotes) have been retained, as they may possibly be of use to investigators in abstracting means of particular groups of days.

The monthly means for "all days" for the following months do not include certain incomplete days during which record of each of the three elements D, H, and Z was lost due to instrument failure; the figures in parentheses indicate the number of days excluded from the monthly mean: September, 1946 (2); December, 1947 (2).

SUMMARY OF MONTHLY MEANS

Monthly mean values of D, I, H, X, Y, Z, and F are presented in Table 11 for the years 1945 to 1947. Monthly mean values of D, H, and Z were abstracted from the tables of hourly mean values. The monthly mean values of X, Y, F, and I were computed from the monthly mean values of D taken to 0'.01 and values of H and Z taken to 0.1γ.

Group means are tabulated, below the monthly means for each year, for three groups of four months each and for the year as a fourth group. The group means were derived directly from the tabulated monthly means with which they are associated. The three groups of four months each are designated by Roman numerals, as follows: I, January, February, November, December; II, March, April, September, October; III, May, June, July, August. The monthly mean values for all the elements for each of the four groups are based on homogeneous data; that is, they are based only on those days for which the records were complete in all three elements, D, H, and Z.

SUMMARY OF ANNUAL MEANS

A summary of annual mean values of D, I, H, X, Y, Z, and F for the years 1919 to 1947, inclusive, appears in Table 12. For the years 1919 to 1944, inclusive, the annual means were transcribed from previously published results [1,2], and for the years 1945 to 1947 they were abstracted from the tables of monthly means discussed above.

MAGNETIC DISTURBANCES AND SUDDEN COMMENCEMENTS

Instead of the narrative form of description of magnetic disturbances employed in previous volumes [1,2], the essential data of such occurrences are presented in the present volume in tabular form in Table 13. It is felt that this method of presentation will be more convenient for analysis and also for comparison with similar data from other observatories. The "K" indices given in the table are those published in Bulletins Nos. 12 and 12a of the International Union of Geodesy and Geophysics [3,4].

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TABLES 1-13

MAGNETOGRAPH TEMPERATURES, SCALE VALUES, AND BASE LINES; MONTHLY AND ANNUAL MEANS OF THE MAGNETIC ELEMENTS, 1945 to 1947

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Table 1. Observatory staff from 1945 to 1947

Year	Observer-in-charge	Observers and aides
1945	W. C. Parkinson	D. L. Overheu, from December 1; A. Parkes, from May 3; W. D. Parkinson (part-time)
1946	W. C. Parkinson, to April 30 F. W. Wood, from May 1	R. F. Erskine (clerical) from June 3; S. B. Hudson, from January 17; D. L. Overheu; A. Parkes; W. D. Parkinson (part-time), to April 30
1947	F. W. Wood	R. F. Erskine (clerical); S. B. Hudson, to December 31; D. L. Overheu, to December 17; A. Parkes

Note: The Watheroo Magnetic Observatory was formally transferred to the Government of the Commonwealth of Australia on July 1, 1947, and was operated by the Bureau of Geology, Geophysics, and Mineral Resources (Mr. J. M. Rayner, Chief Geophysicist) of the Department of Supply and Development on and after that date.

Table 2. Monthly mean and range in temperatures, Eschenhagen magnetograph

Month	1945		1946		1947	
	Mean	Range	Mean	Range	Mean	Range
	°	°	°	°	°	°
Jan	23.1	2.3	23.7	1.2	23.6	2.0
Feb	25.2	1.9	24.4	0.8	25.3	1.6
Mar	24.9	1.3	23.9	1.0	25.4	1.2
Apr	24.7	1.6	23.3	2.2	23.7	2.8
May	21.5	3.7	20.5	2.4	20.7	4.7
Jun	19.0	2.2	17.8	2.6	17.7	0.7
Jul	16.7	1.9	15.9	0.6	16.4	1.8
Aug	15.5	0.9	15.1	0.9	15.3	0.9
Sep	15.8	0.3	15.9	2.2	15.4	1.1
Oct	17.1	2.0	18.1	2.2	17.3	1.6
Nov	19.1	3.0	19.9	0.8	19.1	2.5
Dec	22.1	1.9	21.6	2.2	21.5	2.0
Year	20.4	1.9	20.0	1.6	20.1	1.9

Table 3. Observed H scale values, ϵ_h, and adopted values of A, where $A = \epsilon_h - Bh$, $B = 0.005$, and h is ordinate in mm

(Mean hourly values of horizontal intensity, H, are derived from base-line values [in gammas] plus values of ΔH, where $\Delta H = [A + (B/2)h]h$)

Date	Temperature	ϵ_h	Ordinate	A	
				Computed	Adopted
1945	°C	γ/mm	mm	γ/mm	γ/mm
Jan 14	23.2	2.662	46.68	2.429	2.44
Feb 15	26.0	2.562	24.82	2.438	2.44
Mar 15	25.0	2.568	26.14	2.437	2.44
Apr 15	24.8	2.575	29.58	2.427	2.44
May 14	21.7	2.694	51.68	2.436	2.44
Jun 15	19.4	2.754	61.17	2.448	2.44
Jul 16	16.4	2.842	78.55	2.449	2.44
Jul 19	16.4	2.616	34.12	2.445	2.44
Aug 21	15.9	2.662	47.14	2.426	2.44
Sep 18	16.1	2.609	32.51	2.446	2.44
Oct 17	17.8	2.586	27.47	2.449	2.44
Nov 15	19.1	2.579	24.38	2.457	2.44
Dec 16	22.4	2.568	26.50	2.436	2.44[a]
1946					
Jan 15	24.0	2.559	26.51	2.426	2.43
Feb 15	25.0	2.488	11.02	2.433	2.43
Mar 15	24.3	2.467	8.02	2.427	2.43
Apr 16	24.0	2.486	11.38	2.429	2.43
May 15	21.8	2.595	33.69	2.427	2.43
Jun 17	18.6	2.637	40.27	2.435	2.43
1946	°C	γ/mm	mm	γ/mm	γ/mm
Jul 16	16.2	2.709	55.46	2.432	2.43[b]
Aug 18	15.8	2.755	62.39	2.443	2.45
Sep 27	17.1	2.692	47.80	2.453	2.45
Oct 16	18.7	2.710	51.28	2.454	2.45
Nov 17	20.0	2.702	49.72	2.453	2.45
Dec 16	21.9	2.676	47.03	2.441	2.45
1947					
Jan 21	24.9	2.571	27.41	2.434	2.45
Feb 14	25.7	2.575	26.38	2.443	2.45
Mar 17	25.0	2.482	6.22	2.451	2.45
Apr 15	23.7	2.533	19.91	2.433	2.45
May 21	20.2	2.694	48.65	2.451	2.45
Jun 16	18.0	2.760	61.29	2.454	2.45
Jul 14	16.8	2.788	68.00	2.448	2.45
Aug 26	15.6	2.755	61.23	2.449	2.45
Sep 16	16.1	2.784	65.49	2.457	2.45
Oct 21	18.2	2.725	55.61	2.447	2.45
Nov 18	20.0	2.745	58.46	2.453	2.45
Dec 18	22.0	2.706	49.47	2.459	2.45

[a] To 24h, December 31.

[b] To 03h, July 27.

Table 4. Summary of daily Z scale-value determinations with Helmholtz coil, 1945 to 1947

Range in daily ϵ_Z observations	No. of observations	Mean value ϵ_Z	Mean value used to
γ/mm		γ/mm	
1945			
3.44-3.60	12	3.53	20h, Jan 14[a]
3.47-3.77	105	3.67	20h, May 6
3.29-3.62	24	3.39	23h, May 31[b]
3.42-3.66	14	3.55	15h, Jun 15[a]
3.49-3.68	35	3.62	24h, Jul 20[c]
3.40-3.64	115	3.55	08h, Nov 28[d]
3.22-3.40	32	3.28	24h, Dec 31
1946			
3.16-3.36	111	3.24	12h, Apr 29[d]
3.02-3.23	55	3.15	21h, Jul 7[e]
γ/mm		γ/mm	
1946			
3.37-3.57	16	3.46	11h, Jul 24[f]
3.05-3.48	56	3.23	20h, Sep 27[a]
3.00-3.22	88	3.11	24h, Dec 31
1947			
3.11-3.31	43	3.19	20h, Feb 12[d]
2.93-3.28	105	3.11	20h, May 29[d]
2.85-3.04	48	2.90	20h, Jul 22[c]
3.25-3.48	94	3.34	24h, Oct 27
3.35-3.68	56	3.54	20h, Dec 25[d]
3.08-3.16	5	3.11	24h, Dec 31

Changes in scale value caused by: [a] Made H scale-value observations; [b] adjusted Z recording spot and Z temperature spot; [c] adjusted Z variometer; [d] adjusted Z temperature spot; [e] re-aligned recording lamp; [f] shift in Z trace at 10h 50m.

Table 5. Observed base-line values for the D variometer, and respective adopted values
Eschenhagen magnetograph
(Observed values determined with magnetometer No. 7)
(West declination)

Date	Observed	Adopted	Adopted value used to	Date	Observed	Adopted	Adopted value used to	Date	Observed	Adopted	Adopted value used to
1945	° ′	° ′		1946	° ′	° ′		1947	° ′	° ′	
Jan 2	-2 46.9	-2 47.3		Jan 1	-2 35.3	-2 35.7		Jan 7	-2 36.5	-2 36.8	
Jan 9	2 47.4	2 47.3		Jan 8	2 35.6	2 35.7		Jan 14	2 36.2	2 36.8	
Jan 16	2 47.1	2 47.3		Jan 15	2 35.8	2 35.7		Jan 21	2 36.7	2 36.8	
Jan 23	2 47.0	2 47.3		Jan 22	2 35.6	2 35.7		Jan 28	2 37.6	2 36.8	24h, Jan 31
Jan 30	2 47.4	2 47.3		Jan 29	2 35.6	2 35.7		Feb 4	2 37.4	2 36.9	
Feb 6	2 47.4	2 47.3		Feb 5	2 35.9	2 35.7		Feb 11	2 36.6	2 36.9	24h, Feb 14
Feb 13	2 47.1	2 47.3		Feb 12	2 35.7	2 35.7		Feb 18	2 36.7	2 37.0	
Feb 20	2 47.4	2 47.3		Feb 19	2 35.6	2 35.7		Feb 25	2 36.8	2 37.0	24h, Feb 28
Feb 27	2 47.5	2 47.3		Feb 26	2 36.2	2 35.7	24h, Feb 28	Mar 4	2 37.4	2 37.1	
Mar 6	2 47.4	2 47.3		Mar 5	2 35.3	2 35.8		Mar 6	2 37.5	2 37.1	
Mar 20	2 47.2	2 47.3		Mar 12	2 36.0	2 35.8		Mar 11	2 36.4	2 37.1	
Mar 27	2 47.2	2 47.3		Mar 19	2 36.0	2 35.8		Mar 18	2 37.2	2 37.1	
Apr 3	2 47.3	2 47.3		Mar 26	2 35.8	2 35.8		Mar 25	2 37.4	2 37.1	24h, Mar 31
Apr 10	2 47.4	2 47.3		Apr 2	2 36.2	2 35.8		Apr 1	2 36.9	2 37.2	
Apr 17	2 47.5	2 47.3		Apr 4	2 36.1	2 35.8		Apr 8	2 37.4	2 37.2	
Apr 24	2 47.5[a]	2 47.3	24h, Apr 26	Apr 9	2 35.6	2 35.8		Apr 15	2 37.6	2 37.2	
....	....	2 47.4	24h, Apr 28	Apr 16	2 35.8	2 35.8		Apr 22	2 37.6	2 37.2	
....	....	2 47.5	24h, Apr 30	Apr 23	2 35.7	2 35.8		Apr 29	2 37.7	2 37.2	24h, Apr 30
May 1	2 47.6	2 47.6		Apr 30	2 35.7	2 35.8	24h, Apr 30	May 6	2 36.9	2 36.7	
May 8	2 47.8	2 47.6		May 7	2 35.3	2 35.9		May 13	2 36.6	2 36.7	
May 15	2 47.6	2 47.6		May 14	2 36.4	2 35.9		May 20	2 36.6	2 36.7	
May 22	2 47.7	2 47.6		May 21	2 35.5	2 35.9		May 28	2 37.3	2 36.7	
May 29	2 47.6	2 47.6	23h, May 31	May 28	2 36.3	2 35.9	24h, May 31	Jun 3	2 36.3	2 36.7	
Jun 5	2 47.2	2 46.9		Jun 4	2 36.3	2 36.0		Jun 10	2 36.5	2 36.7	
Jun 12	2 46.8	2 46.9		Jun 11	2 35.8	2 36.0		Jun 17	2 36.9	2 36.7	
Jun 19	2 47.3	2 46.9		Jun 18	2 36.5	2 36.0		Jun 24	2 36.4	2 36.7	24h, Jun 30
Jun 26	2 46.8	2 46.9		Jun 25	2 35.6	2 36.0		Jul 1	2 36.9	2 36.5	
Jul 3	2 46.9	2 46.9		Jul 2	2 35.9	2 36.0	21h, Jul 7	Jul 8	2 36.9	2 36.5	
Jul 10	2 46.9	2 46.9		Jul 9	2 34.8	2 35.3		Jul 15	2 36.2	2 36.5	
Jul 17	2 46.5	2 46.9	11h, Jul 20	Jul 16	2 35.6	2 35.3		Jul 22	2 36.7	2 36.5	
Jul 21	2 35.5	2 35.1		Jul 23	2 34.8	2 35.3		Jul 29	2 36.8	2 36.5	
Jul 24	2 35.0	2 35.1		Jul 30	2 36.0	2 35.3	24h, Jul 31	Aug 5	2 36.1	2 36.5	
Jul 31	2 35.1	2 35.1		Aug 6	2 35.8	2 35.4		Aug 21	2 36.8	2 36.5	
Aug 7	2 35.3	2 35.1		Aug 13	2 34.7	2 35.4		Aug 19	2 36.7	2 36.5	
Aug 14	2 34.7	2 35.1		Aug 20	2 35.2	2 35.4		Aug 26	2 36.1	2 36.5	
Aug 21	2 34.9	2 35.1		Aug 27	2 36.0	2 35.4	20h, Sep 2	Sep 2	2 36.3	2 36.5	
Aug 28	2 35.6	2 35.1	24h, Aug 31	Sep 3	2 36.2	2 36.1		Sep 9	2 36.7	2 36.5	
Sep 4	2 35.2	2 35.2		Sep 10	2 36.3	2 36.1		Sep 16	2 36.0	2 36.5	
Sep 11	2 35.2	2 35.2		Sep 17	2 36.0	2 36.1		Sep 23	2 36.9	2 36.5	
Sep 18	2 35.1	2 35.2		Sep 24	2 35.4	2 36.1		Sep 30	2 36.6	2 36.5	24h, Sep 30
Sep 25	2 35.3	2 35.2		Oct 1	2 35.9	2 36.1		Oct 7	2 36.8	2 36.6	
Oct 2	2 35.6	2 35.2		Oct 8	2 37.0	2 36.1		Oct 14	2 37.1	2 36.6	
Oct 9	2 35.6	2 35.2		Oct 15	2 35.9	2 36.1	24h, Oct 15	Oct 21	2 36.0	2 36.6	
Oct 16	2 35.4	2 35.2		Oct 16	2 36.4	2 36.2		Oct 28	2 36.5	2 36.6	24h, Oct 31
Oct 23	2 35.1	2 35.2		Oct 22	2 36.0	2 36.2		Nov 4	2 37.3	2 37.1	
Oct 30	2 35.4	2 35.2		Oct 29	2 36.1	2 36.2		Nov 11	2 36.8	2 37.1	
Nov 6	2 35.4	2 35.2		Nov 5	2 36.5	2 36.2		Nov 18	2 36.7	2 37.1	
Nov 13	2 34.6	2 35.2		Nov 12	2 35.9	2 36.2	20h, Nov 15	Nov 25	2 36.9	2 37.1	
Nov 20	2 35.1	2 35.2		Nov 19	2 36.8	2 36.9		Dec 2	2 37.8	2 37.1	
Nov 27	2 34.5	2 35.2	23h, Nov 30	Nov 26	2 36.9	2 36.9		Dec 9	2 37.5	2 37.1	
Dec 4	2 35.7	2 35.6		Dec 3	2 37.2	2 36.9		Dec 16	2 36.6	2 37.1	
Dec 11	2 35.7	2 35.6		Dec 10	2 37.0	2 36.9		Dec 23	2 37.2	2 37.1	
Dec 18	2 35.4	2 35.6		Dec 17	2 36.5	2 36.9		Dec 30	2 37.6	2 37.1	24h, Dec 31
Dec 25	2 35.8	2 35.6	24h, Dec 31	Dec 24	2 37.2	2 36.9					
				Dec 31	2 36.9	2 36.9	24h, Dec 31				

[a] Observation given half weight.

Table 6. Abrupt changes in the adopted D base-line value
(West declination reckoned as negative; changes below taken algebraically)

Date	Change from preceding value	Cause of change
May 31, 1945	+ 0.7	Adjusted Z variometer
Jul 20, 1945	+11.8	Reorientation of D magnet
Nov 30, 1945	- 0.4	Adjusted H variometer
Jul 7, 1946	+ 0.7	Adjusted H variometer
Sep 2, 1946	- 0.7	Adjusted Z variometer
Nov 15, 1946	- 0.7	Cause unknown
Apr 30, 1947	+ 0.5	Adjusted recording lamp
Oct 31, 1947	- 0.5	Adjusted recording lamp

Table 7. Observed base-line values at 20° C for the H variometer, and respective adopted values
Eschenhagen magnetograph
(Observed values determined with magnetometer No. 7)

Date	Ob-served	Adopt-ed	Adopted value used to	Date	Ob-served	Adopt-ed	Adopted value used to	Date	Ob-served	Adopt-ed	Adopted value used to
1945	γ	γ		1946	γ	γ		1947	γ	γ	
Jan 2	24596	24599		Jan 1	24652	24664		Jan 7	24678	24668	
Jan 9	24605	24599		Jan 8	24668	24664		Jan 14	24662	24668	
Jan 16	24604	24599		Jan 15	24660	24664		Jan 21	24666	24668	
Jan 23	24597	24599		Jan 22	24667	24664		Jan 28	24668	24668	
Jan 30	24595	24599		Jan 29	24660	24664	24h, Jan 31	Feb 4	24672	24668	
Feb 6	24600	24599		Feb 5	24670	24663		Feb 11	24666	24668	
Feb 13	24600	24599		Feb 12	24660	24663		Feb 18	24678	24668	
Feb 20	24596	24599		Feb 19	24672	24663		Feb 25	24678	24668	
Feb 27	24600	24599	24h, Feb 28	Feb 26	24666	24663	24h, Feb 28	Mar 4	24682	24668	
Mar 6	24612	24600		Mar 5	24659	24662		Mar 6	24664	24668	
Mar 13	24589	24600		Mar 12	24664	24662	24h, Mar 15	Mar 11	24660	24668	
Mar 20	24601	24600		Mar 19	24658	24661		Mar 18	24670	24668	
Mar 27	24604	24600		Mar 26	24659	24661	24h, Mar 31	Mar 25	24676	24668	
Apr 3	24609	24600		Apr 2	24656	24660		Apr 1	24666	24668	
Apr 10	24598	24600		Apr 9	24667[a]	24660		Apr 8	24661	24668	
Apr 17	24602	24600		Apr 10	24651[a]	24660		Apr 15	24666	24668	
Apr 24	24600	24600		Apr 16	24653[a]	24660		Apr 22	24667	24668	
May 1	24595	24600		Apr 18	24676[a]	24660		Apr 29	24664	24668	
May 8	24595	24600		Apr 23	24662	24660		May 6	24662	24668	
May 15	24603	24600		Apr 30	24652	24660		May 13	24668	24668	
May 22	24592	24600		May 7	24665	24660		May 20	24672	24668	
May 29	24610	24600		May 14	24659	24660		May 28	24672	24668	
Jun 5	24591	24600		May 21	24665	24660		Jun 3	24664	24668	
Jun 12	24603	24600	24h, Jun 15	May 28	24661	24660		Jun 10	24666	24668	
Jun 19	24594	24599		Jun 4	24660	24660		Jun 17	24668	24668	
Jun 26	24604	24599		Jun 11	24666	24660		Jun 24	24668	24668	
Jul 3	24596	24599		Jun 18	24652	24660		Jul 1	24664	24668	
Jul 10	24596	24599		Jun 25	24660	24660		Jul 8	24659	24668	
Jul 17	24602	24599	15h, Jul 18	Jul 2	24662	24660		Jul 15	24660	24668	
Jul 19	24714	24716		Jul 9	24698[b]	24660	24h, Jul 15	Jul 22	24670	24668	19h, Jul 22
Jul 24	24715	24716		Jul 16	24656	24659		Jul 29	24672	24670	
Jul 31	24715	24716	24h, Jul 31	Jul 23	24654	24659	03h, Jul 27	Aug 5	24674	24670	
Aug 7	24712	24717		Jul 30	24669	24668		Aug 12	24669	24670	
Aug 14	24725	24717		Aug 6	24666	24668		Aug 19	24666	24670	
Aug 21	24716	24717		Aug 13	24667	24668		Aug 26	24674	24670	
Aug 28	24719	24717		Aug 20	24664	24668		Sep 2	24664	24670	
Sep 4	24708	24717		Aug 27	24670	24668	24h, Aug 31	Sep 9	24674	24670	
Sep 11	24723	24717		Sep 3	24673	24667		Sep 16	24670	24670	
Sep 18	24718	24717		Sep 10	24668	24667		Sep 23	24668	24670	
Sep 25	24718	24717		Sep 17	24663	24667		Sep 30	24666	24670	24h, Sep 30
Oct 2	24712	24717		Sep 24	24668	24667	24h, Sep 30	Oct 7	24674	24673	
Oct 9	24722	24717		Oct 1	24662	24666		Oct 14	24668	24673	
Oct 16	24712	24717		Oct 8	24658	24666		Oct 21	24676	24673	
Oct 23	24716	24717		Oct 15	24660	24666	24h, Oct 15	Oct 28	24671	24673	
Oct 30	24715	24717		Oct 16	24668	24667		Nov 4	24676	24673	
Nov 6	24718	24717		Oct 22	24668	24667		Nov 11	24674	24673	
Nov 13	24722	24717		Oct 29	24667	24667		Nov 18	24670	24673	
Nov 20	24716	24717		Nov 5	24666	24667		Nov 25	24680	24673	
Nov 27	24720	24717	24h, Nov 30	Nov 12	24672	24667		Dec 2	24674	24673	
Dec 4	24664	24665		Nov 19	24670	24667		Dec 9	24674	24673	
Dec 11	24666	24665		Nov 26	24667	24667	24h, Nov 30	Dec 16	24670	24673	
Dec 18	24662	24665		Dec 3	24664	24666		Dec 23	24671	24673	
Dec 25	24669	24665	24h, Dec 31	Dec 10	24668	24666	24h, Dec 15	Dec 30	24679	24673	24h, Dec 31
				Dec 17	24662	24667					
				Dec 24	24672	24667					
				Dec 31	24663	24667	24h, Dec 31				

[a] Observation given half weight. [b] Observation rejected.

Table 8. Abrupt changes in the adopted H base-line value
(Horizontal intensity is reckoned as positive; changes below taken algebraically)

Date	Change from preceding value	Cause of change
	γ	
Jul 18, 1945	+117	Reset H magnet in magnetic prime vertical
Nov 30, 1945	- 52	Adjusted position of H spot

Table 9. Observed base-line values at 20° C for the Z variometer, and respective adopted values
Eschenhagen magnetograph
(Based on inclination observations with earth inductor No. 2)

Date	Observed	Adopted	Adopted value used to	Date	Observed	Adopted	Adopted value used to	Date	Observed	Adopted	Adopted value used to
1945	γ	γ		1946	γ	γ		1947	γ	γ	
Jan 2	-51474	-51473	24h, Jan 7	Jan 1	-51599	-51600		Jan 7	-51666	-51688	
Jan 9	51471	51472	24h, Jan 10	Jan 8	51610	51600		Jan 21	51671	51688	
....	....	51471	24h, Jan 14	Jan 15	51608	51600	24h, Jan 15	Jan 22	51704	51688	
Jan 16	51464	51457		Jan 22	51602	51599		Jan 23	51692	51688	
Jan 23	51460	51457		Jan 29	51594	51599	24h, Jan 31	Jan 25	51698	51688	
Jan 30	51441	51457		Feb 5	51602	51598		Jan 27	51686	51688	
Feb 6	51445	51457		Feb 12	51592	51598	24h, Feb 14	Jan 28	51680	51688	
Feb 13	51458	51457		Feb 19	51609	51597		Feb 4	51704	51688	
Feb 20	51462	51457		Feb 26	51600	51597	24h, Feb 28	Feb 11	51690	51688	21h, Feb 12
Feb 27	51466	51457		Mar 5	51582	51596		Feb 18	51693	51676	
Mar 6	51452	51457		Mar 12	51593	51596	24h, Mar 15	Feb 25	51705	51676	
Mar 13	51464	51457		Mar 19	51600	51595		Mar 4	51650	51676	
Mar 20	51452	51457		Mar 26	51600	51595	24h, Mar 31	Mar 6	51635	51676	
Mar 27	51463	51457		Apr 2	51576	51596		Mar 8	51682	51676	
Apr 3	51454	51457		Apr 9	51564	51596	24h, Apr 15	Mar 11	51690	51676	
Apr 10	51459	51457		Apr 16	51588	51597		Mar 18	51678	51676	
Apr 17	51464	51457		Apr 23	51599	51597		Mar 25	51664	51676	
Apr 24	51430	51457		Apr 30	51612	51597	24h, Apr 30	Apr 1	51664	51676	
May 1	51456	51457	24h, May 1	May 7	51600	51598		Apr 8	51696	51676	
....	....	51460	24h, May 2	May 14	51602	51598	24h, May 15	Apr 15	51675	51676	
....	....	51463	24h, May 3	May 21	51623	51599		Apr 22	51634	51676	
....	....	51466	24h, May 4	May 28	51588	51599	24h, May 31	Apr 29	51660	51676	
....	....	51469	24h, May 5	Jun 4	51614	51600		May 6	51650	51676	
....	....	51472	24h, May 6	Jun 11	51598	51600	22h, Jun 17	May 13	51666	51676	
May 8	51476	51479		Jun 18	51656	51659		May 20	51639	51676	
May 15	51478	51479		Jun 25	51666	51659		May 28	51654	51676	21h, May 29
May 22	51477	51479		Jul 2	51652	51659	21h, Jul 7	Jun 3	51664	51664	16h, Jun 4
May 29	51484	51479	23h, May 31	Jul 9	51622	51630		Jun 10	51693	51685	
Jun 1	51537	51552		Jul 18	51630	51630		Jun 17	51671	51685	
Jun 5	51548	51552		Jul 23	51638	51630	11h, Jul 24	Jun 24	51676	51685	
Jun 12	51560	51552		Jul 30	51648	51654		Jul 1	51704	51685	
Jun 19	51542	51552		Aug 6	51656	51654		Jul 8	51689	51685	
Jun 26	51560	51552		Aug 13	51654	51654	21h, Aug 18	Jul 15	51680	51685	
Jul 3	51550	51552		Aug 20	51637	51643	08h, Aug 22	Jul 22	51682	51685	21h, Jul 22
Jul 10	51566	51552		Aug 27	51642	51630		Jul 24	51732	51732	
Jul 17	51550	51552	24h, Jul 20	Sep 2	51629	51630	20h, Sep 2	Jul 29	51734	51732	
Jul 21	51598	51607		Sep 3	51688	51690		Aug 5	51732	51732	
Jul 24	51625	51607		Sep 10	51680	51690		Aug 12	51716	51732	
Jul 31	51622	51607		Sep 17	51690	51690		Aug 19	51722	51732	
Aug 7	51594	51607		Sep 24	51702	51690	20h, Sep 27	Aug 26	51730	51732	
Aug 14	51620	51607		Oct 1	51678	51695		Sep 2	51750	51732	
Aug 21	51619	51607		Oct 8	51697	51695		Sep 9	51724	51732	
Aug 28	51612	51607		Oct 15	51708	51695		Sep 16	51726	51732	
Sep 4	51593	51607		Oct 22	51695	51695		Sep 23	51738	51732	
Sep 11	51624	51607		Oct 23	51676	51695		Sep 30	51720	51732	
Sep 18	51604	51607		Oct 29	51684	51695		Oct 7	51728	51732	
Sep 25	51615	51607		Nov 5	51698	51695		Oct 14	51748	51732	
Oct 2	51610	51607		Nov 12	51712	51695	24h, Nov 15	Oct 21	51740	51732	
Oct 9	51604	51607		Nov 19	51693	51694		Oct 22	51744	51732	08h, Oct 28
Oct 16	51598	51607		Nov 26	51690	51694	24h, Nov 30	Oct 28	51706	51704	
Oct 23	51607	51607		Dec 3	51701	51693		Nov 4	51706	51704	
Oct 30	51582	51607		Dec 10	51679	51693		Nov 4	51705	51704	
Nov 6	51601	51607		Dec 17	51704	51693		Nov 11	51698	51704	
Nov 13	51604	51607		Dec 24	51699	51693		Nov 12	51694	51704	
Nov 20	51614	51607		Dec 31	51683	51693	24h, Dec 31	Nov 18	51704	51704	
Nov 27	51590	51607	08h, Nov 28					Nov 25	51704	51704	
Dec 4	51586	51600						Dec 2	51698	51704	
Dec 11	51609	51600						Dec 9	51698	51704	
Dec 18	51596	51600						Dec 16	51718	51704	
Dec 25	51610	51600	24h, Dec 31					Dec 23	51696	51704	20h, Dec 25
								Dec 30	51724	51724	24h, Dec 31

Table 10. Abrupt changes in the adopted Z base-line value
(Vertical intensity is reckoned as negative since north-seeking end of the needle is above the horizontal; changes below are taken algebraically)

Date	Change from preceding value	Cause of change
	γ	
Jan 14, 1945	+14	Observations for H scale value
May 1, 1945	- 3	No apparent reason for change in base-line value from May 1 to 8; therefore gradual "steps" were adopted
May 2, 1945	- 3	
May 3, 1945	- 3	
May 4, 1945	- 3	
May 5, 1945	- 3	
May 6, 1945	- 7	
May 31, 1945	-73	Adjusted position of trace and temperature spot
Jul 20, 1945	-55	Adjusted magnetic axis of Z magnet to the horizontal
Nov 28, 1945	+ 7	Adjusted Z temperature spot
Jul 7, 1946	+29	Adjusted alignment of recording lamp
Jul 24, 1946	-24	Cause unknown
Aug 18, 1946	+11	Observations for H scale value
Aug 22, 1946	+13	Cause unknown
Sep 2, 1946	-60	Adjusted position of trace
Sep 27, 1946	- 5	Observations for H scale value
Feb 12, 1947	+12	Adjusted Z temperature spot
May 29, 1947	+12	Adjusted Z temperature spot
Jun 4, 1947	-21	Workmen on variometer building
Jul 22, 1947	-47	Adjusted position of trace
Oct 28, 1947	+28	Z variometer accidentally jarred
Dec 25, 1947	-20	Adjusted Z temperature spot

Table 11. Summary of monthly means for 1945 to 1947
(D east, I down, H and X northward, Y eastward, Z toward nadir, and F are reckoned positive as referred to the north-seeking end of magnet)

Month	D		I		H	X	Y	Z	F
1945	°	′	°	′	γ	γ	γ	γ	γ
Jan	-2	59.4	-64	25.30	24759	24725	-1291	-51726	57346
Feb	-2	58.9	-64	25.18	24761	24727	-1288	-51726	57347
Mar	-2	58.7	-64	25.60	24755	24721	-1287	-51729	57347
Apr	-2	58.3	-64	25.76	24754	24721	-1284	-51734	57352
May	-2	58.3	-64	25.37	24765	24732	-1284	-51742	57363
Jun	-2	57.9	-64	25.16	24768	24735	-1281	-51740	57363
Jul	-2	57.9	-64	25.48	24766	24732	-1281	-51747	57368
Aug	-2	57.5	-64	25.39	24769	24736	-1278	-51750	57372
Sep	-2	57.3	-64	25.20	24774	24741	-1277	-51753	57377
Oct	-2	57.2	-64	25.71	24769	24736	-1276	-51764	57385
Nov	-2	56.7	-64	25.15	24785	24753	-1273	-51776	57402
Dec	-2	56.9	-64	25.13	24784	24751	-1275	-51772	57398
I	-2	58.0	-64	25.19	24772	24739	-1282	-51750	57373
II	-2	57.9	-64	25.57	24763	24730	-1281	-51745	57365
III	-2	57.9	-64	25.35	24767	24734	-1281	-51745	57367
Year	-2	57.9	-64	25.37	24767	24734	-1281	-51747	57368
1946									
Jan	-2	56.6	-64	25.44	24781	24749	-1273	-51777	57402
Feb	-2	56.6	-64	26.73	24761	24729	-1271	-51785	57401
Mar	-2	56.5	-64	27.86	24746	24714	-1270	-51798	57406
Apr	-2	56.0	-64	28.34	24744	24712	-1266	-51812	57417
May	-2	55.6	-64	27.40	24759	24726	-1264	-51808	57420
Jun	-2	55.7	-64	26.89	24769	24737	-1266	-51808	57425
Jul	-2	55.1	-64	27.37	24761	24729	-1260	-51811	57424
Aug	-2	54.7	-64	26.73	24781	24749	-1259	-51826	57438
Sep	-2	55.2	-64	28.01	24761	24729	-1262	-51834	57443
Oct	-2	54.6	-64	26.79	24784	24753	-1259	-51837	57458
Nov	-2	54.6	-64	26.13	24796	24764	-1259	-51836	57461
Dec	-2	54.7	-64	25.71	24804	24773	-1260	-51836	57466
I	-2	55.6	-64	26.00	24786	24754	-1266	-51809	57432
II	-2	55.6	-64	27.75	24759	24727	-1264	-51820	57431
III	-2	55.3	-64	27.10	24767	24735	-1262	-51813	57427
Year	-2	55.5	-64	26.95	24771	24739	-1264	-51814	57430
1947									
Jan	-2	54.2	-64	25.95	24798	24766	-1256	-51833	57459
Feb	-2	53.9	-64	26.26	24794	24762	-1254	-51836	57462
Mar	-2	53.7	-64	28.36	24762	24730	-1251	-51850	57459
Apr	-2	53.5	-64	27.36	24783	24751	-1250	-51856	57474
May	-2	52.9	-64	26.85	24793	24761	-1247	-51856	57478
Jun	-2	52.5	-64	26.73	24792	24761	-1244	-51852	57474
Jul	-2	52.6	-64	25.06	24800	24768	-1245	-51848	57431
Aug	-2	53.0	-64	27.34	24784	24752	-1247	-51856	57474
Sep	-2	53.1	-64	28.17	24776	24744	-1247	-51871	57484
Oct	-2	52.8	-64	27.34	24794	24762	-1246	-51878	57498
Nov	-2	52.6	-64	26.48	24811	24780	-1245	-51881	57508
Dec	-2	52.2	-64	25.90	24826	24795	-1243	-51890	57523
I	-2	53.2	-64	26.15	24807	24776	-1250	-51860	57488
II	-2	53.3	-64	27.81	24778	24747	-1248	-51864	57479
III	-2	52.8	-64	26.50	24792	24760	-1246	-51853	57464
Year	-2	53.1	-64	26.82	24793	24761	-1248	-51859	57477

Table 12. Summary of annual means for 1919 to 1947
(D east, I down, H and X northward, Y eastward, Z toward nadir, and F are reckoned positive as referred to the north-seeking end of magnet)

Year	D		I		H	X	Y	Z	F
	°	'	°	'	γ	γ	γ	γ	γ
1919	-4	22.8	-63	51.37	24925	24852	-1904	-50780	56567
1920	-4	22.1	-63	54.70	24889	24817	-1896	-50832	56598
1921	-4	21.6	-63	58.18	24842	24770	-1888	-50865	56607
1922	-4	20.9	-64	01.04	24799	24726	-1880	-50884	56605
1923	-4	19.5	-64	03.06	24774	24704	-1868	-50910	56618
1924	-4	18.2	-64	05.20	24747	24677	-1858	-50934	56628
1925	-4	17.6	-64	07.81	24715	24646	-1851	-50967	56643
1926	-4	17.2	-64	10.76	24674	24606	-1845	-50995	56651
1927	-4	16.3	-64	11.94	24663	24594	-1837	-51015	56664
1928	-4	15.0	-64	13.74	24648	24580	-1826	-51052	56691
1929	-4	12.1	-64	15.50	24636	24570	-1804	-51096	56725
1930	-4	08.0	-64	17.72	24623	24559	-1775	-51151	56769
1931	-4	03.3	-64	17.98	24638	24576	-1742	-51192	56813
1932	-3	58.4	-64	19.12	24638	24578	-1708	-51236	56852
1933	-3	53.4	-64	19.84	24644	24588	-1672	-51277	56892
1934	-3	47.8	-64	20.13	24653	24599	-1632	-51307	56923
1935	-3	42.5	-64	20.99	24655	24603	-1595	-51343	56956
1936	-3	37.0	-64	21.66	24657	24608	-1556	-51375	56986
1937	-3	31.7	-64	22.53	24657	24610	-1518	-51406	57013
1938	-3	26.3	-64	23.30	24661	24617	-1479	-51445	57050
1939	-3	21.0	-64	23.80	24664	24622	-1441	-51471	57075
1940	-3	15.8	-64	24.31	24676	24636	-1405	-51515	57120
1941	-3	12.3	-64	25.19	24679	24641	-1380	-51555	57158
1942	-3	08.2	-64	24.77	24704	24667	-1352	-51592	57202
1943	-3	04.4	-64	25.38	24718	24682	-1325	-51643	57254
1944	-3	01.1	-64	25.22	24745	24710	-1303	-51693	57310
1945	-2	57.9	-64	25.37	24767	24734	-1281	-51747	57368
1946	-2	55.5	-64	26.95	24771	24739	-1264	-51814	57430
1947	-2	53.1	-64	26.82	24793	24761	-1248	-51859	57477

Table 13. Magnetic disturbances and sudden commencements, 1945 to 1947

Gr. date	Storm time		Sudden commencement				Degree of dist.[d]	Maximal activity			Ranges		
	G.M.T. begin	G.M.T. end[a]	Type[b]	Amplitudes[c]				Gr. day	Period	K	D	H	Z
				D	H	Z							
1945	h m	d h		′	γ	γ			h h		′	γ	γ
Jan 15	0 ...	15 20	...	...	...	...	C	15	15-21	5	18	91	93
Jan 28	14 55	30 6	...	...	...	...	C	29	3- 6	5	11	125	61
Mar 8	10 02	8 18	SC	+ 1	+12	+ 3	D	8	9-12	5	11	60	45
Mar 12	9 46	13 1	SC	...	+14	...	C	12	9-12	5	16	84	90
Mar 14	23 45	16 24	SC	...	+ 7	- 1	C	15	15-18	6	14	117	82
Mar 27	20 33	28 21	SC	+ 1	+30	+ 3	B	28	9-12	7	32	138	182
Apr 1	4 57	1 21	SC	+ 1	+ 4	+ 8	B	1	12-15	6	21	100	115
Apr 11	7 26	11 18	SC	- 1	+29	+10	C	11	12-15	6	19	120	144
Jun 30	3 27	1 19	SC	- 1	+ 5	- 2	C	1	0- 3	5	13	101	61
Sep 8	20 53	8 24	SC	+ 2	+16	+10	D	8	21-24	3	4	16	22
Sep 17	0 ...	19 2	...	...	...	...	C	18	15-18	6	16	85	90
Oct 12	6 ...	12 24	...	...	...	...	C	12	12-15	5	12	87	119
Oct 23	23 40	25 20	SC	+ 1	+ 5	-10	B	24	12-15	6	18	137	133
Nov 8	11 30	9 24	...	...	...	...	C	9	9-12	5	15	120	115
Dec 13	12 39	14 18	SC	+ 1	+32	+ 3	B	14	12-15	7	21	201	173
Dec 16	19 42	17 11	SC	+ 1	+35	+ 2	D	17	0- 3	5	19	80	88
Dec 19	18 11	21 14	SC	+ 2	+45	+13	C	19	21-24	5	17	118	86
Dec 23	16 18	24 19	SC*	+ 1	+26	+ 7	C	23	21-24	4	16	71	67
1946													
Jan 3	8 10	4 20	SC	+ 5	+35	+32	B	4	9-12	7	27	226	168
Feb 7	10 20	8 20	SC	+ 7	+54	-16	A	8	0- 3	8	49	559	309
Feb 14	17 38	15 22	SC	+ 5	+64	+27	C	14	18-21	5	12	100	83
Feb 19	15 02	19 23	SC	+ 1	+38	+ 8	D	19	15-18	4	9	45	32
Mar 1	1 38	1 10	SC	- 3	+19	-12	C	1	3- 6	6	17	85	131
Mar 22	5 40	26 21	SC	+ 2	+21	+13	A	24	12-15	7	34	249	>259
Mar 28	6 36	29 17	SC	+ 7	+84	-39	A	28	12-15	9	97	603	>344
Apr 14	11 ...	15 20	...	...	...	...	C	15	12-15	6	19	122	138
Apr 22	7 00	25 6	SC	+ 3	+37	+23	B	24	0- 6	7	27	262	170
May 6	22 08	7 15	SC	- 2	+32	- 7	C	7	3- 6	6	15	149	94
May 10	22 40	11 18	...	...	...	...	C	11	6- 9	7	14	177	130
May 20	21 ...	24 19	...	...	...	...	C	22	3- 6	6	16	153	107
Jun 5	20 10	6 15	SC	+ 3	+17	-15	D	6	3- 6	3	7	65	57
Jun 7	7 38	7 21	SC	+ 1	+11	- 2	C	7	12-15	5	13	99	77
Jun 27	17 29	28 6	SC	+ 1	+12	- 5	D	28	3- 6	5	15	93	107
Jul 18	9 04	19 16	SC	+ 2	+13	+13	C	18	15-18	5	13	93	78
Jul 26	18 47	27 13	SC	...	+115	...	A	27	0- 3	8	55	470	>205
Aug 30	22 40	31 17	SC	+ 2	+15	+ 6	D	31	3- 9	5	19	146	107
Sep 16	13 ...	17 10	no record				C	16	18-21	5	16	88	93
Sep 17	23 50	19 18	SC	+ 2	+ 5	+ 4	B	18	15-18	7	40	231	>190
Sep 21	17 13	24 19	SC	+ 4	+44	+24	A	22	12-18	9	71	397	>250
Sep 27	16 ...	29 2	...	...	...	...	C	28	12-15	7	27	149	>205
Oct 20	3 09	20 23	SC*	- 2	+23	-10	C	20	3- 6	4	14	69	77
Nov 5	9 23	7 0	SC*	...	+40	...	D	5	9-12	4	12	115	123
Nov 11	11 26	11 13	SC	...	+34	...	D	11	12-15	3	8	32	40
Nov 15	7 54	16 6	SC	+ 2	+47	+16	D	15	9-12	3	14	79	62
Nov 24	3 46	24 16	SC*	+ 4	+34	-16	C	24	12-15	4	14	145	150
Dec 25	19 13	26 16	SC	+ 3	+25	- 4	C	25	18-24	4	13	25	62
1947													
Jan 4	11 18	5 24	SC	+ 1	+41	-16	C	4	12-15	5	14	83	86
Jan 16	3 29	17 11	SC	...	+25	...	C	16	3- 6	7	19	164	114
Jan 24	6 20	28 8	SC*	...	+23	...	C	25	12-15	6	27	185	163
Feb 7	8 13	7 20	SC*	+ 2	+33	+ 9	D	8	12-15	5	18	103	100
Feb 16	2 59	17 14	SC	- 3	+10	-10	C	16	9-12	7	21	212	191
Mar 2	4 00	5 0	SC	- 3	+ 8	- 7	A	2	9-15	7	27	308	181
Mar 7	5 36	10 8	SC*	+ 3	+12	+ 7	B	8	12-15	7	33	188	249
Mar 15	8 41	16 01	SC	+ 3	+24	+17	B	15	15-18	7	26	133	176
Mar 27	4 30	29 0	SC	- 1	+ 6	- 3	C	28	12-15	6	23	110	154
Apr 8	21 49	9 16	SC	- 2	+30	-13	C	8	21-24	5	20	120	79
Apr 17	12 25	19 18	SC*	+ 3	+40	+16	A	17	18-24	7	39	280	233
May 22	22 44	23 19	SC	+ 1	+ 9	+ 4	D	23	3- 6	5	12	98	45
Jun 5	7 26	6 02	SC*	+ 2	+77	+13	D	5	6- 9	5	10	99	67
Jun 13	17 50	14 21	SC	+ 2	+15	+11	C	14	3- 6	5	13	142	75
Jun 17	17 49	19 14	SC	- 4	+87	-12	B	17	18-21	6	24	208	>150
Aug 15	9 51	16 21	SC	+ 2	+48	+10	C	15	21-24	6	25	178	149
Aug 22	9 11	22 20	SC*	+ 4	+54	+12	B	22	9-12	8	25	313	>143
Sep 2	23 26	3 20	SC	...	+13	...	C	3	6-12	7	35	290	187
Sep 23	11 19	25 21	SC	- 4	+14	-15	C	24	18-21	7	20	228	129
Sep 30	18 09	3 14	SC	+ 2	+13	+10	D	1	3- 9	5	17	177	93
Nov 9	8 57	10 1	SC	+16	+39	+16	C	9	12-15	6	20	166	168
Nov 24	17 56	24 21	SC	+ 3	+28	+15	D	24	18-21	5	9	41	33
Dec 1	8 54	1 13	SC*	+ 2	+53	+ 6	D	1	9-12	5	4	75	27

[a] Approximate time of ending of disturbance is construed as the time of cessation of reasonably marked disturbance movements in the traces.

[b] SC = sudden commencement; SC* = small initial impulse in H, followed by main impulse in opposite sense (only main impulse measured for amplitude); ... = gradual commencement.

[c] Signs of amplitude of D and Z are taken algebraically, being referred to the north-seeking end of the needle; D reckoned positive if movement is toward the east and Z reckoned positive if movement is downward.

[d] Disturbance as a whole assigned to one of four degrees of activity: A = great storm; B = moderate storm; C = moderate disturbance; D = slight disturbance.

TABLES 14-121

HOURLY MEAN VALUES OF DECLINATION, HORIZONTAL INTENSITY AND VERTICAL INTENSITY, 1945 to 1947

CONTENTS

Hourly mean values of declination, horizontal intensity, and vertical intensity

Year	Table	Page
1945	14- 49	20
1946	50- 85	56
1947	86-121	92

TABLE 14

DECLINATION

JANUARY 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				605	603	602	605	603	614	624	646	668	657	625	594	571	557	553	551	558	575	598	599	588	590	604	607	600	0	8	05	674	15	02	547	127
2				598	599	598	601	580	608	628	650	668	666	635	588	548	535	528	541	559	568	574	578	578	580	590	598	592	0	9	10	678	14	54	527	151
3				611	607	606	605	609	621	635	648	667	659	628	591	567	557	557	568	579	577	579	584	588	597	596	594	601	0	8	49	671	13	46	555	116
4				599	601	588	587	596	601	611	619	638	647	634	603	581	578	567	564	566	567	573	580	583	591	590	597	594	0	9	18	648	15	42	558	90
5				592	603	627	617	617	588	601	608	629	638	638	620	593	573	566	565	564	567	576	579	585	588	593	596	597	0	9	43	641	16	55	563	78
6				593	596	596	588	592	595	593	599	625	649	653	629	600	569	555	549	555	557	574	585	586	585	587	588	592	0	10	10	658	15	25	547	111
7				593	596	598	598	601	606	607	608	618	629	626	614	605	592	578	573	567	565	568	577	585	586	587	588	594	0	9	09	631	17	45	562	69
8				592	596	598	598	601	597	606	618	633	618	609	607	589	575	567	568	572	578	577	578	578	586	598	597	593	0	8	40	637	14	50	560	77
9				597	597	599	603	603	610	619	627	621	618	611	619	618	604	591	592	593	583	577	569	577	577	582	592	599	0	7	06	630	19	10	567	63
10				594	597	597	606	617	628	633	639	623	597	547	538	525	509	508	536	548	567	578	587	607	597	593	602	582	1	7	26	658	14	29	497	161
11				587	596	595	606	612	621	638	638	630	618	600	586	573	576	577	583	588	588	588	587	588	589	593	594	598	0	7	30	640	12	55	567	73
12				596	597	597	597	601	606	617	626	616	588	555	536	539	551	561	568	571	571	570	577	578	577	592	593	582	0	7	30	627	11	39	531	96
13				599	603	606	607	607	618	633	647	646	627	616	607	593	577	567	556	562	578	584	580	583	586	588	590	598	0	8	14	655	16	13	554	101
14				595	596	597	598	603	607	620	633	627	617	595	575	560	557	554	561	576	577	577	578	585	584	587	587	589	0	7	53	640	14	34	549	91
15				595	596	598	601	606	609	623	635	643	640	619	593	578	555	546	557	567	576	588	623	622	609	637	658	603	1	23	19	687	14	11	537	150
16				655	628	678	625	616	611	624	637	648	631	607	577	572	571	583	587	592	592	591	587	586	587	589	591	607	0	2	20	718	13	20	563	155
17				592	592	593	595	595	591	604	609	623	632	616	588	576	568	568	578	589	597	616	601	595	594	607	604	597	0	9	13	638	13	44	567	71
18				610	598	591	577	594	602	616	627	630	628	611	595	578	567	557	558	566	573	578	579	581	587	587	588	591	0	8	20	637	15	10	552	85
19				595	596	597	597	596	586	607	624	639	647	645	626	593	562	553	549	561	578	585	590	593	587	587	587	595	0	9	35	658	15	00	546	112
20				606	603	598	579	588	602	608	616	621	617	616	609	598	579	562	557	565	573	581	588	592	597	589	594	593	0	8	21	628	15	32	555	73
21				592	596	598	598	599	601	606	616	628	637	635	623	617	599	588	578	573	577	578	580	588	589	589	595	599	0	9	32	638	16	43	567	71
22				597	596	596	595	598	598	607	618	619	617	607	598	587	577	571	574	577	578	577	577	583	582	583	586	592	0	8	25	624	14	23	567	57
23				588	596	597	595	597	599	606	627	626	625	615	614	600	586	568	567	577	579	578	577	585	584	585	587	594	0	8	04	630	15	10	566	64
24				587	588	588	588	588	597	611	616	608	611	607	599	593	579	568	567	573	575	574	576	578	581	586	587	589	0	7	23	619	15	35	566	53
25				588	589	593	596	600	606	619	628	635	636	618	601	589	585	586	585	588	587	585	583	583	579	581	583	597	0	8	10	638	21	50	576	62
26				588	588	588	589	596	598	612	627	637	633	611	590	574	565	558	558	563	562	559	557	557	558	575	588	585	0	8	01	638	20	43	548	90
27				587	606	609	613	628	627	643	657	648	634	608	577	559	548	549	555	564	573	572	568	572	587	587	587	594	0	7	38	660	14	20	545	115
28				588	593	596	598	603	612	627	628	642	635	606	582	569	557	553	557	566	568	571	573	574	578	585	585	589	0	8	19	651	14	25	548	103
29				587	609	607	603	608	624	638	637	594	594	588	586	567	566	557	556	569	578	587	589	589	593	607	608	593	1	7	07	648	12	24	536	112
30				616	616	610	577	605	607	633	646	638	643	633	608	571	547	537	527	553	567	578	583	607	608	597	595	596	0	7	13	648	15	14	521	127
31				597	597	593	597	596	606	616	618	628	630	614	593	574	543	527	528	547	558	573	578	580	581	586	587	585	0	9	02	638	14	36	515	123
MEANS ALL DAYS				597	599	601	598	602	606	618	628	633	630	614	596	579	567	560	562	569	574	579	582	586	587	592	595	594	DESIGNATIONS AND REMARKS							98
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
[ ] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⩞ = NO RECORD

TABLE 15

DECLINATION

FEBRUARY 1945 | FEBRUARY 1945

2 ° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				591	593	593	594	597	598	608	618	621	619	617	610	603	585	564	555	550	557	568	574	579	580	584	588	589	0	8 07	626	16 38	547	79
2				589	594	597	596	596	597	598	602	613	627	628	618	585	547	529	527	535	548	566	578	588	594	607	618	587	0	10 32	630	15 18	523	107
3				608	604	597	588	595	607	614	618	611	614	618	611	605	597	578	567	566	568	571	577	578	583	589	598	594	0	7 20	621	16 12	561	60
4				597	598	598	598	598	599	607	611	617	629	628	614	592	571	563	560	567	573	578	578	579	580	584	587	592	0	9 30	631	15 05	557	74
5				588	594	598	598	597	603	608	607	609	608	615	610	598	567	557	558	549	567	572	570	578	589	599	596	589	1	8 58	623	16 27	546	77
6				592	594	598	602	605	607	616	627	619	618	623	612	600	590	568	557	561	568	563	572	578	580	583	587	592	0	7 25	637	16 05	555	82
7				593	597	602	599	600	606	618	627	628	624	608	597	584	576	563	560	565	571	572	576	578	584	586	588	592	0	8 39	634	15 13	557	77
8				596	597	588	592	597	603	617	623	628	626	610	587	578	574	567	557	560	573	582	588	588	597	587	587	592	0	9 07	637	16 00	548	89
9				585	581	592	596	598	603	618	634	616	613	597	577	560	561	559	557	563	587	582	579	606	591	587	587	589	0	7 42	643	15 50	552	91
10				592	590	590	586	596	601	609	617	618	618	609	596	577	573	566	557	561	587	578	577	579	583	586	587	589	0	9 25	626	16 04	555	71
11				588	589	597	595	597	599	606	615	619	616	608	589	576	567	557	559	568	578	579	583	582	586	588	591	589	0	8 40	628	14 31	548	80
12				606	597	588	587	587	593	599	618	619	620	608	593	567	556	548	557	569	580	585	586	583	584	587	587	588	0	9 18	623	14 35	543	80
13				588	586	588	589	589	597	606	623	638	640	626	597	581	558	547	555	561	570	578	580	585	588	588	586	589	0	9 18	645	14 30	546	99
14				586	587	588	589	595	598	606	617	630	639	637	613	590	567	551	549	553	559	573	578	577	577	578	578	588	0	9 51	646	15 19	547	99
15				585	587	588	597	599	594	608	626	639	638	618	594	578	561	(548	547)	551	550	567	596	604	587	591	600	590	1	20 02	670	14 54	537	133
16				601	597	589	596	599	587	608	617	613	606	605	589	577	567	559	560	568	578	589	597	588	597	620	617	593	1	22 36	639	15 19	557	82
17				611	601	580	607	596	588	594	606	617	622	616	598	580	567	553	549	558	573	588	590	587	588	588	587	589	0	9 42	628	2 05	535	93
18				594	597	588	578	578	590	598	609	618	617	618	603	591	578	564	557	559	568	578	579	586	588	598	597	589	0	10 03	620	4 00	539	81
19				591	588	588	588	591	590	591	589	599	609	608	608	607	598	579	577	573	574	579	580	579	588	588	587	590	0	9 46	618	17 00	568	50
20				588	588	588	590	598	599	603	612	627	628	618	600	578	561	549	545	548	559	569	578	578	579	582	589	586	0	9 36	629	15 51	538	91
21				598	590	588	588	597	598	608	619	628	626	617	605	593	579	568	559	559	564	571	576	578	579	579	580	589	0	8 25	629	16 57	557	72
22				587	588	592	598	599	605	611	617	616	614	608	605	599	597	583	576	567	567	566	567	577	582	584	586	591	0	8 11	619	18 32	561	58
23				590	590	587	588	596	597	596	596	597	603	598	587	578	577	577	575	569	567	568	566	566	568	586	594	584	0	9 39	607	20 07	558	49
24				593	589	588	588	591	593	606	611	613	615	613	606	589	568	553	547	548	560	566	567	569	575	577	581	584	0	7 29	626	15 31	544	82
25				588	596	597	599	596	597	601	605	608	590	607	596	578	570	557	551	547	556	564	568	577	577	581	586	583	0	7 51	628	16 58	544	84
26				590	591	588	593	583	597	608	617	617	617	606	587	577	566	557	556	558	566	568	573	574	577	586	600	586	1	7 57	633	15 06	554	79
27				618	593	587	608	588	604	615	623	618	617	607	597	589	581	571	565	566	567	574	575	577	592	598	587	592	0	0 20	634	15 44	554	80
28				596	601	605	596	593	598	607	616	617	618	607	588	571	561	557	565	568	577	577	577	577	578	587	594	589	0	7 56	628	14 23	554	74
29																																		
30																																		
31																																		
MEANS ALL DAYS				594	593	592	594	595	598	607	615	618	619	614	600	585	572	560	557	560	568	574	578	581	584	588	591	589						81
MEANS TEN DAYS *																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE. MAGNETIC STORM
- ( ) = INTERPOLATED
- ⌈ ⌋ = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⧍ = NO RECORD

TABLE 16

DECLINATION

MARCH 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				596	593	586	591	596	597	605	611	618	616	602	578	558	547	539	540	556	568	596	588	578	587	587	586	584	0	8	04	619	14	52	537	82
2				583	588	589	591	589	596	599	609	618	628	619	598	576	560	557	553	558	567	569	573	576	578	586	590	585	0	9	17	629	15	40	549	80
3				590	589	588	592	596	598	601	615	628	618	606	594	573	567	558	555	557	568	571	578	577	579	587	589	586	0	8	30	638	16	15	548	90
4				603	598	590	588	592	596	601	618	629	637	628	613	589	568	557	548	558	569	576	578	578	586	587	588	591	0	9	20	639	15	39	547	92
5				588	589	588	588	587	595	608	609	618	630	630	622	600	579	560	549	549	564	571	574	573	576	586	591	588	1	9	27	632	16	15	546	86
6				618	629	638	627	623	608	628	627	627	618	607	596	587	569	557	548	548	558	569	576	576	578	587	585	595	0	0	52	649	16	17	544	105
7				589	578	600	609	596	610	618	619	617	613	608	596	587	581	573	568	577	587	569	568	577	578	580	587	591	0	7	21	636	19	00	559	77
8				595	588	596	596	597	599	598	607	608	612	614	609	598	598	595	578	567	565	558	573	569	570	584	589	590	1	23	59	628	19	00	538	90
9				620	598	592	593	597	598	608	619	626	618	615	606	593	586	574	566	562	567	568	578	580	584	586	588	593	0	0	15	644	16	05	558	86
10				593	597	605	608	609	608	608	607	610	610	608	606	597	593	582	578	573	575	578	578	578	580	585	584	594	0	8	18	618	17	31	571	47
11				586	587	588	588	589	596	606	619	604	603	598	593	589	584	571	557	550	548	578	579	593	601	587	618	588	1	23	56	637	17	52	541	96
12				619	638	618	599	598	598	614	618	619	617	608	595	577	575	578	585	578	599	610	607	589	590	619	598	602	1	17	50	679	21	22	553	126
13				608	586	578	559	569	598	552	589	609	611	606	593	568	559	553	554	560	578	587	593	583	587	589	588	582	0	0	55	654	6	12	515	139
14				588	589	587	588	588	595	599	607	616	617	609	589	578	568	566	566	570	576	588	587	583	587	589	593	588	0	8	32	619	14	30	559	60
15				588	587	587	586	578	579	578	594	588	593	562	557	568	559	544	561	562	568	577	(579	579)	577	598	643	579	1	23	11	677	14	32	526	151
16				597	578	598	627	608	606	577	597	600	594	578	572	569	569	575	575	580	588	625	599	588	599	608	612	592	1	3	10	641	1	33	537	104
17				603	578	595	597	598	592	597	598	608	608	606	597	587	580	577	573	570	577	578	579	579	584	589	588	589	0	9	10	616	1	14	558	58
18				589	586	589	592	587	587	587	594	608	612	617	607	589	580	567	558	560	568	578	587	601	590	587	586	588	0	10	07	619	16	00	557	62
19				581	578	588	589	588	578	588	595	608	622	626	608	584	567	558	562	570	578	578	582	588	587	589	588	587	0	10	00	629	14	45	557	72
20				587	587	588	588	588	588	594	600	608	608	606	586	564	556	554	557	565	572	576	585	589	584	585	586	583	0	8	34	615	14	29	549	66
21				586	587	588	588	557	625	617	627	638	634	628	612	588	566	556	553	556	564	575	575	576	577	583	587	589	0	8	33	651	4	37	513	138
22				587	595	574	587	597	597	600	606	617	621	616	600	583	567	556	553	555	564	570	576	578	580	584	584	585	0	9	03	624	15	20	547	77
23				585	585	584	585	587	589	598	610	626	629	615	593	570	555	546	549	554	563	573	577	577	579	587	586	583	0	9	17	631	14	54	544	87
24				585	587	587	587	587	589	(599	609	619)	614	595	568	546	537	542	548	547	566	565	571	576	578	585	586	578	0	8	58	620	13	13	535	85
25				597	593	593	588	596	598	606	617	618	616	607	594	575	563	559	564	572	576	577	577	579	587	586	585	588	0	7	50	634	14	10	556	78
26				594	588	591	590	596	593	601	616	587	586	598	587	567	557	530	515	538	537	588	571	578	600	628	647	583	1	23	00	657	15	26	503	154
27				612	580	578	577	611	606	600	589	607	605	596	583	579	568	564	560	557	557	557	568	605	588	594	579	584	0	0	01	648	18	26	547	101
28				588	577	568	560	584	608	609	611	621	625	615	588	573	550	538	518	568	570	583	707	580	671	600	589	592	1	19	16	783	15	32	465	318
29				588	585	580	581	585	588	595	610	617	622	610	596	568	543	544	553	569	575	592	596	598	588	589	597	586	0	9	08	628	14	12	536	92
30				589	586	587	587	578	577	587	598	618	625	620	601	582	571	559	561	564	569	577	578	579	583	583	584	585	0	9	30	628	16	50	557	71
31				579	579	579	581	587	588	588	598	614	622	619	608	584	557	545	550	559	568	578	579	578	578	578	578	582	0	9	23	627	14	32	543	84
MEANS ALL DAYS				594	590	590	591	592	596	599	608	614	616	609	595	579	567	559	557	562	569	579	584	582	587	590	593	587								99
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 17

DECLINATION

APRIL 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

APRIL 1945

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				587	579	578	578	586	579	577	584	607	623	626	616	577	535	506	524	520	573	568	610	614	637	661	611	586	2	20	43	706	14	59	495	211
2				590	561	579	585	573	575	591	601	631	636	617	596	567	545	543	556	565	575	577	577	586	584	586	586	583	1	9	26	638	14	30	536	102
3				597	598	589	588	588	591	601	621	638	641	624	596	571	558	554	557	567	576	576	577	583	585	581	583	589	0	9	08	648	14	24	550	98
4				583	581	582	583	586	586	589	603	617	617	596	569	547	525	535	546	561	573	577	577	578	578	606	606	579	0	8	48	621	13	10	516	105
5				595	584	581	582	585	587	597	616	631	628	607	591	558	545	546	553	559	566	565	557	575	582	583	585	582	0	8	55	636	13	54	543	93
6				586	598	594	598	599	613	599	615	622	619	607	589	566	557	552	560	565	573	597	579	610	607	600	594	592	1	20	25	628	17	17	543	85
7				597	548	572	580	584	586	594	595	597	618	617	607	583	563	553	558	561	567	576	579	586	585	586	584	582	1	10	00	624	1	20	525	99
8				579	578	576	577	579	582	549	586	605	621	618	598	586	567	558	556	563	576	575	597	595	603	595	586	584	0	9	35	635	6	32	533	102
9				577	576	577	579	586	586	591	600	618	629	625	607	586	566	556	556	560	572	579	579	582	583	583	584	585	0	9	37	636	15	10	554	82
10				584	578	579	578	579	583	586	595	608	625	624	606	579	559	556	556	556	566	572	574	575	597	588	586	583	0	9	45	628	14	37	544	84
11				585	583	580	582	583	583	585	596	610	621	620	607	588	566	553	537	544	574	563	569	659	611	606	631	589	1	20	38	726	15	30	522	204
12				596	582	568	568	566	576	561	572	581	607	600	583	576	564	554	563	571	576	575	578	588	583	579	567	576	1	9	41	630	14	03	546	84
13				578	586	583	579	556	558	564	569	588	610	608	597	581	568	558	560	559	580	585	618	596	589	588	589	581	0	19	33	638	4	53	530	108
14				584	587	588	582	586	573	588	589	599	595	583	580	568	560	560	571	577	588	577	579	608	611	596	588	584	0	20	53	649	13	44	554	95
15				567	579	587	568	577	578	578	587	606	606	597	596	586	568	563	557	560	572	587	(617	607)	606	597	589	585	0	19	15	628	0	41	547	81
16				585	583	577	577	576	570	587	596	608	618	619	610	583	557	548	557	567	576	578	579	587	588	587	587	583	0	10	14	621	14	36	547	74
17				579	578	577	576	577	584	588	596	609	618	616	604	587	566	551	555	559	571	578	579	583	584	584	586	583	0	9	18	621	14	49	547	74
18				583	575	580	576	581	585	584	588	606	617	621	610	588	567	553	549	557	568	578	587	583	587	585	586	583	0	9	55	624	15	20	547	77
19				579	578	578	578	577	581	579	586	598	608	608	601	586	566	555	549	558	567	573	577	585	586	586	585	580	0	9	31	615	16	10	546	69
20				585	583	579	587	596	591	587	591	618	628	626	611	591	561	539	537	551	567	573	597	608	607	614	587	588	0	19	52	645	15	10	527	118
21				583	581	580	578	581	583	587	592	608	618	618	611	596	577	566	567	567	573	577	578	578	579	578	580	585	0	10	13	621	14	50	557	64
22				580	579	578	579	583	584	587	588	604	608	607	597	588	581	577	567	567	570	577	578	578	578	580	580	583	0	8	51	616	16	51	566	50
23				581	579	580	588	566	592	591	598	608	615	607	597	588	577	565	556	558	561	566	567	578	582	582	588	582	0	9	17	618	4	30	539	79
24				588	599	587	584	587	587	587	586	597	598	590	577	567	566	557	561	566	567	577	585	586	587	587	587	582	0	1	14	610	14	34	550	60
25				588	587	559	577	587	588	587	595	605	608	608	607	595	577	566	556	553	567	571	577	578	582	589	588	583	0	9	08	614	16	04	547	67
26				584	585	586	584	586	587	587	590	601	606	604	597	577	568	562	557	559	566	573	575	577	579	586	588	582	0	9	37	607	15	20	554	53
27				586	588	585	587	586	588	589	598	616	617	617	606	578	561	556	549	560	569	575	578	579	579	580	581	584	0	10	11	619	15	35	548	71
28				583	582	581	583	583	582	588	599	(609)	619	616	599	585	568	558	556	560	568	575	577	578	579	581	584	583	0	9	56	620	15	31	553	67
29				583	581	582	582	583	584	589	591	603	610	609	605	590	583	580	556	559	568	571	573	579	580	585	589	584	0	9	48	612	15	20	550	62
30				587	587	581	580	582	581	589	591	602	610	612	608	581	561	549	542	549	552	569	580	579	580	580	579	580	0	10	11	618	15	54	527	91
31																																				
MEANS ALL DAYS				585	581	580	581	581	583	585	594	608	616	612	599	580	563	554	554	559	571	575	582	589	590	591	588	583								90
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE. MAGNETIC STORM

( ) = INTERPOLATED

⌈ ⌋ = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

□ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 18

DECLINATION

MAY 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MAY 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	M		MINIMUM H	M		RANGE
1				583	589	571	584	587	591	588	592	608	611	610	610	597	580	564	557	560	570	571	563	588	589	588	587	586	0	9	29	614	15	48	550	64
2				587	583	585	586	571	581	589	592	610	610	611	600	561	559	550	540	557	571	574	581	582	593	586	589	581	0	8	44	619	15	43	534	85
3				589	584	584	583	589	584	585	590	611	610	619	610	584	570	554	549	550	569	579	581	589	590	591	591	585	0	10	20	622	15	04	536	86
4				591	590	590	591	581	591	591	590	601	610	612	610	584	567	560	554	562	573	579	581	589	590	590	590	586	0	10	05	613	15	09	550	63
5				582	583	582	581	578	581	581	592	609	611	610	599	580	565	554	550	562	572	588	591	591	591	590	590	584	0	9	59	613	15	00	542	71
6				586	581	580	582	587	581	586	592	609	614	612	601	580	567	558	554	560	570	572	571	581	590	591	590	583	0	10	19	621	15	20	550	71
7				591	600	592	583	587	587	589	591	600	602	601	591	572	561	552	550	560	571	578	580	583	585	586	586	582	0	9	39	610	14	52	547	63
8				584	581	580	577	581	581	580	580	589	599	601	591	580	569	560	559	564	574	581	582	586	590	590	588	581	0	9	58	603	15	10	550	53
9				580	581	580	580	580	582	582	587	600	608	604	593	576	563	560	559	561	571	579	580	581	588	591	590	582	0	9	51	610	16	04	557	53
10				599	590	589	577	591	560	570	581	591	601	599	588	578	570	560	559	569	580	581	599	591	590	591	594	583	0	0	03	615	5	45	549	66
11				594	595	586	593	594	575	576	589	596	601	599	598	584	559	549	567	569	573	608	610	600	608	619	610	590	1	21	57	639	14	33	538	101
12				608	589	580	576	558	578	589	592	600	589	580	586	570	563	564	567	571	581	582	586	586	587	590	591	582	1	0	07	621	4	11	539	82
13				589	589	585	580	554	572	590	581	587	590	593	585	580	574	571	570	572	580	581	586	587	589	600	591	582	0	22	42	602	4	47	519	83
14				580	572	582	580	580	583	580	584	598	600	595	590	580	578	570	569	(571	582)	590	583	587	598	600	589	584	0	22	37	610	1	47	565	45
15				582	586	581	580	581	578	578	582	591	598	600	597	589	582	580	571	571	580	580	(581)	582	584	582	581	583	0	10	20	602	0	03	560	42
16				581	580	580	580	581	582	580	585	597	600	600	589	578	570	563	562	563	571	580	580	581	582	582	582	580	0	8	36	603	15	01	560	43
17				581	580	580	581	580	581	582	579	580	588	597	589	573	570	563	561	570	580	586	587	590	596	594	591	582	0	10	25	600	15	34	557	43
18				585	572	573	589	584	580	576	578	584	595	599	590	580	570	559	550	563	571	579	582	590	598	619	598	582	0	22	08	643	15	40	548	95
19				594	588	580	582	583	587	588	580	599	604	602	595	580	572	567	560	570	576	578	578	580	586	591	611	585	0	23	15	618	15	30	558	60
20				602	590	581	580	580	580	580	580	590	600	600	590	570	569	554	557	565	571	580	585	588	590	593	590	582	0	0	03	612	14	19	548	64
21				592	590	588	587	585	580	585	587	598	601	600	591	580	576	570	564	561	570	578	580	588	591	589	600	585	0	23	54	610	15	59	559	51
22				605	598	580	585	580	585	581	584	589	594	598	599	590	580	570	569	569	571	586	580	586	591	588	588	585	0	0	01	609	16	09	562	47
23				586	580	580	580	580	581	585	588	593	600	598	590	576	571	561	559	569	576	580	588	581	584	588	586	582	0	19	09	612	15	40	551	61
24				582	581	580	579	584	582	581	580	590	592	583	577	560	556	560	559	560	571	579	580	580	582	590	601	578	0	23	25	611	13	13	544	67
25				582	581	581	585	580	587	589	590	596	600	601	588	570	559	560	561	569	578	579	586	583	584	585	591	582	0	10	17	608	14	18	551	57
26				584	581	589	589	586	590	589	583	585	589	590	580	570	569	569	569	575	578	579	580	585	585	586	587	582	0	8	56	601	14	40	562	39
27				581	580	579	580	580	580	580	581	589	591	593	586	576	564	562	565	570	580	581	581	581	581	582	585	580	0	9	13	600	14	33	560	40
28				584	588	580	571	580	580	581	580	590	598	603	601	592	580	576	567	571	570	576	579	580	581	585	589	583	0	10	15	606	15	37	560	46
29				593	599	590	590	589	584	581	580	589	581	581	579	574	570	570	561	559	570	580	581	586	586	588	589	581	0	1	18	608	16	10	552	56
30				586	585	580	588	588	587	589	580	569	583	590	590	590	580	569	560	563	570	571	576	580	589	591	592	581	0	23	26	599	15	23	551	48
31				592	590	588	590	591	570	574	573	577	585	590	590	591	580	569	559	563	574	580	598	589	590	592	593	583	0	19	24	612	15	36	550	62
MEANS ALL DAYS				588	586	582	583	582	581	583	585	594	599	599	593	579	570	563	560	565	574	580	584	586	589	591	591	583								62
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 19

DECLINATION

JUNE 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0 TH MERIDIAN MEAN TIME)

JUNE 1945

DAY	✲	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				583	576	581	582	582	581	579	574	582	585	589	584	583	577	568	563	570	576	579	578	583	583	584	584	579	0	10 00	592	15 30	562	30
2				584	582	583	583	583	582	581	579	584	586	588	584	573	571	563	563	570	579	582	583	583	584	584	583	580	0	10 10	593	15 32	562	31
3				583	583	581	581	581	582	580	582	584	590	593	591	583	573	568	563	566	575	581	583	584	588	584	582	581	0	10 30	594	15 39	558	36
4				577	577	581	582	583	583	580	578	582	594	595	594	583	572	563	563	569	573	582	582	583	583	583	581	580	0	10 36	596	14 40	562	34
5				581	580	574	573	580	583	581	583	584	593	597	593	586	580	563	556	563	571	577	580	583	584	583	582	580	0	10 28	599	15 39	553	46
6				583	582	579	573	579	578	574	573	583	594	600	593	581	563	553	552	552	563	563	572	593	605	614	604	579	1	21 52	634	15 23	542	92
7				593	585	581	563	573	570	569	570	562	573	586	593	584	573	563	574	567	578	583	588	604	584	589	592	579	0	20 33	624	14 36	559	65
8				585	583	582	563	560	573	572	569	574	573	567	570	571	563	572	571	563	573	583	591	594	593	583	601	576	0	23 07	623	4 13	531	92
9				584	583	562	573	559	567	573	563	572	577	583	585	581	573	567	564	563	579	583	585	586	585	585	583	576	0	19 04	603	4 46	553	50
10				583	583	562	560	581	573	564	569	572	583	585	589	584	583	572	561	572	582	590	593	583	584	590	585	578	0	19 30	603	15 20	559	44
11				583	582	583	581	577	576	573	574	583	584	592	592	593	581	566	562	563	577	582	583	583	585	584	583	580	0	11 07	598	15 03	553	45
12				581	580	581	560	563	577	576	578	589	596	602	594	584	579	563	557	565	575	581	582	583	584	583	583	579	0	10 48	604	15 39	552	52
13				577	582	577	571	573	574	577	579	589	601	604	602	593	580	564	562	563	567	573	574	584	583	588	590	580	0	10 08	608	15 56	556	52
14				584	583	582	582	579	583	583	582	583	594	608	605	597	584	562	559	563	574	581	581	585	583	582	580	582	0	10 51	613	15 15	554	59
15				580	574	573	573	567	573	576	580	592	603	608	604	593	574	(563	561)	568	577	579	582	583	584	581	580	580	0	10 33	614	15 00	554	60
16				576	575	574	573	573	572	573	574	585	592	593	590	579	571	558	562	567	573	583	584	584	583	583	583	578	0	10 40	594	14 43	553	41
17				584	579	573	573	578	578	577	577	585	593	593	591	579	572	561	555	564	573	579	581	583	584	591	595	579	0	23 49	601	15 39	553	48
18				584	581	581	576	582	581	582	586	593	597	594	590	575	568	562	561	568	575	582	583	585	587	586	586	581	0	9 30	603	15 22	557	46
19				583	583	581	581	580	583	583	583	583	590	593	592	585	583	571	560	564	573	582	583	583	583	588	585	581	0	9 45	595	15 51	553	42
20				583	582	577	576	578	575	577	578	575	583	592	593	585	573	561	554	561	565	570	574	585	586	585	583	577	0	10 57	596	15 08	552	44
21				583	583	582	580	573	575	581	582	583	595	603	601	589	579	568	561	562	571	574	578	582	583	588	584	581	0	10 09	605	15 30	559	46
22				584	582	581	581	581	580	581	580	582	591	603	604	596	583	567	559	562	572	575	577	578	579	582	583	581	0	11 13	606	15 55	557	49
23				581	581	580	576	573	573	572	573	582	594	603	601	595	580	559	545	551	561	567	575	583	584	586	586	578	0	11 02	605	15 50	541	64
24				585	583	578	574	575	575	577	575	582	596	605	603	583	565	555	557	565	572	579	581	582	582	583	583	579	0	10 35	607	15 00	552	55
25				582	579	578	574	573	573	573	573	571	563	593	597	592	583	570	565	571	573	579	583	583	584	583	581	579	0	11 17	602	15 30	563	39
26				579	575	574	573	573	572	572	571	579	587	595	600	592	575	568	563	571	575	579	582	582	583	585	583	579	0	11 30	603	15 35	562	41
27				582	578	575	573	575	574	573	572	581	591	603	603	584	573	562	553	544	551	553	560	581	587	590	584	575	0	10 53	609	16 04	542	67
28				583	583	581	582	581	581	582	580	584	593	594	590	581	569	562	558	563	569	578	583	584	591	589	588	580	0	10 07	601	15 01	553	48
29				585	583	576	575	579	579	577	574	573	583	585	583	578	582	574	571	569	575	580	583	584	584	584	583	579	0	0 16	591	16 03	563	28
30				582	581	581	581	582	583	583	577	579	588	589	590	578	574	564	558	556	574	577	579	585	587	586	594	580	0	23 21	597	16 24	549	48
31																																		
MEANS ALL DAYS				583	581	578	575	576	577	577	576	581	589	594	593	585	575	564	560	564	572	578	581	585	585	586	586	579						50
MEANS TEN DAYS ✲																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 20

DECLINATION

JULY 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1945

DAY	✽	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				604	603	595	584	583	583	584	583	572	579	574	543	551	553	551	553	548	555	573	571	583	593	603	594	576	1	0	55	619	11	40	540	79
2				598	634	592	585	583	579	570	577	566	552	593	589	585	581	570	567	573	582	584	585	595	593	592	593	584	0	1	45	663	9	29	532	131
3				589	584	575	576	574	575	579	578	575	584	596	597	587	571	559	561	564	577	584	583	585	594	590	585	580	0	11	15	603	14	40	553	50
4				584	575	574	575	576	575	577	582	592	596	602	594	583	574	563	556	554	567	580	602	585	588	602	599	581	0	19	36	634	15	45	536	98
5				594	582	577	574	569	574	563	566	574	583	594	597	585	574	563	564	567	594	580	594	589	593	592	587	580	0	0	04	614	15	03	553	61
6				584	575	569	569	574	574	573	567	574	592	594	594	585	571	554	557	565	593	614	580	585	594	613	633	583	1	23	10	644	14	48	543	101
7				614	593	583	574	573	569	574	578	592	597	603	593	585	575	565	567	574	580	583	584	592	595	593	586	584	0	0	31	623	14	11	559	64
8				586	585	586	580	570	564	567	571	579	591	595	594	584	576	574	572	581	582	575	583	584	589	595	597	582	0	22	35	604	15	40	563	41
9				592	583	573	574	564	562	565	571	584	596	605	604	585	574	570	564	564	574	580	583	584	586	585	584	579	0	10	18	611	5	00	554	57
10				584	582	579	577	574	570	568	571	583	593	603	597	583	574	565	566	574	576	580	582	583	583	583	582	580	0	10	15	606	15	50	563	43
11				579	578	574	573	563	570	573	572	579	593	603	608	596	577	563	557	569	579	580	582	582	583	583	582	579	0	11	00	613	4	24	553	60
12				584	582	574	573	579	577	574	573	584	594	604	606	595	577	573	571	572	576	579	582	584	585	587	587	582	0	11	30	611	15	50	565	46
13				584	582	577	574	575	575	574	575	584	593	604	612	604	592	575	564	564	571	574	582	584	585	585	583	582	0	11	31	614	16	12	556	58
14				582	579	577	577	579	579	578	578	584	594	603	590	574	571	565	564	566	573	574	574	579	584	584	585	579	0	10	32	604	15	18	560	44
15				584	582	581	582	582	582	583	577	584	595	601	595	591	577	570	567	573	574	578	582	584	585	584	582	582	0	10	20	604	15	09	563	41
16				579	580	575	579	583	582	577	575	584	593	597	592	582	566	(555)	553	558	570	575	579	584	584	585	584	578	0	10	21	602	15	12	545	57
17				582	578	574	581	584	573	583	581	584	592	600	605	602	593	579	572	565	573	580	584	584	584	584	585	583	0	11	20	608	17	05	562	46
18				585	593	596	613	600	605	589	589	596	600	(604	595)	577	(573	556	551	563)	575	573	576	586	594	591	586	586	0	3	33	634	15	51	543	91
19				584	583	583	583	574	582	583	582	584	594	595	587	573	566	556	555	566	574	579	583	584	584	584	582	579	0	10	01	603	14	54	547	56
20				578	574	573	574	574	571	573	574	585	595	(602	591)	568	(557	554)	557	565	568	576	578	578	580	580	578	575	0	10	23	604	15	00	551	53
21				577	576	570	572	572	571	569	566	575	586	596	596	577	566	557	556	560	568	576	576	576	585	581	580	574	0	11	11	601	15	02	555	46
22				578	577	576	576	576	576	575	576	584	591	596	586	576	568	562	556	556	565	571	576	576	578	579	578	575	0	9	57	599	16	25	555	44
23				576	576	575	570	566	570	569	568	576	587	592	585	575	571	561	557	565	568	570	574	576	576	576	584	573	0	10	10	598	15	15	556	42
24				586	568	564	560	564	525	557	557	573	589	588	588	574	560	549	553	(555	563)	568	568	573	580	582	581	568	0	9	40	599	5	37	489	110
25				580	581	579	581	578	579	578	575	578	584	579	(578	577	567	558)	565	566	568	571	577	578	578	579	579	576	0	(9	28	587	15	50	551	36)
26				581	579	576	575	570	574	571	570	578	586	590	589	577	(568	564)	568	568	568	570	577	578	583	589	596	577	0	23	15	602	(13	33	562	40)
27				587	581	580	578	579	578	578	572	578	585	590	589	580	569	558	555	559	568	573	578	579	579	581	585	577	0	10	15	592	15	15	553	39
28				581	578	578	578	578	577	573	568	569	565	598	600	591	577	560	557	554	565	568	578	597	586	588	584	578	0	20	21	620	16	06	546	74
29				578	574	569	570	569	570	571	569	577	588	598	599	590	578	565	558	560	568	574	575	575	578	581	586	576	0	11	19	601	16	00	555	46
30				590	584	579	578	578	575	557	568	575	558	581	588	595	585	575	566	566	570	576	580	592	598	584	579	578	0	21	01	617	6	20	536	81
31				580	581	575	569	571	568	559	558	568	570	587	588	568	576	569	566	567	571	578	578	581	580	580	579	574	0	10	39	590	7	10	553	37
MEANS ALL DAYS				585	583	578	577	575	574	573	573	580	588	596	593	582	573	563	561	565	573	577	580	583	586	587	587	579								60
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 21

DECLINATION

AUGUST 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				578	577	575	575	575	575	572	569	578	589	599	602	598	585	570	561	553	567	574	575	578	586	583	580	578	0	11	00	606	16	37	551	55
2				578	572	570	565	568	568	568	568	565	542	576	571	585	578	568	556	558	565	570	581	581	581	580	585	571	1	12	13	590	9	11	530	60
3				585	570	560	570	571	571	565	562	576	586	594	595	589	578	571	561	563	568	575	577	579	581	586	581	576	0	11	05	599	2	03	538	61
4				581	578	571	568	568	569	568	571	586	600	599	596	581	570	561	559	563	569	578	578	578	579	579	579	576	0	9	20	608	15	23	558	50
5				578	578	575	573	574	570	567	559	574	589	600	606	596	581	569	563	558	559	566	570	580	586	586	594	577	0	24	00	616	17	03	551	65
6				612	587	578	577	577	575	572	575	580	592	598	578	565	559	558	558	558	568	571	576	577	579	579	578	576	0	0	28	627	14	03	550	77
7				578	576	571	578	576	576	575	575	580	593	600	598	588	580	576	559	559	566	570	575	577	578	587	592	578	0	10	54	602	15	41	550	52
8				587	580	577	572	576	573	569	568	577	591	603	602	581	558	547	550	561	570	576	576	578	578	578	579	575	0	10	49	608	14	46	546	62
9				580	589	581	572	571	569	567	567	575	588	599	598	585	568	556	555	558	567	575	577	577	578	578	578	575	0	10	20	601	15	04	551	50
10				578	577	572	576	575	572	570	569	578	589	600	599	581	568	557	553	558	568	575	577	566	578	577	576	575	0	10	50	606	15	30	547	59
11				576	573	571	572	575	575	577	577	578	579	590	599	596	586	570	559	551	560	568	570	575	577	578	581	576	0	11	57	600	16	28	547	53
12				578	578	578	578	578	577	565	559	568	584	599	607	606	598	580	561	550	555	556	558	570	578	578	584	576	0	11	58	609	16	35	548	61
13				580	578	578	577	577	578	576	576	581	589	600	600	588	567	547	537	545	554	577	558	569	588	587	587	575	0	21	26	621	15	06	530	91
14				581	585	578	578	586	579	581	570	578	589	601	603	588	569	557	540	539	550	558	562	580	589	598	601	577	0	23	17	610	16	51	537	73
15				588	583	576	587	578	578	575	577	582	598	606	599	588	577	558	546	557	563	572	573	578	580	585	584	579	0	10	20	609	15	28	540	69
16				581	577	573	578	572	568	557	553	558	580	596	593	579	564	558	558	561	569	572	576	577	577	578	578	572	0	10	09	599	6	43	539	60
17				571	575	572	574	569	573	570	571	586	600	608	603	598	589	560	554	557	559	570	573	576	577	578	578	577	0	10	30	609	16	05	547	62
18				578	577	577	568	570	570	575	577	587	598	598	597	587	578	556	548	549	558	566	569	576	577	577	578	575	0	10	30	601	15	49	540	61
19				578	578	578	578	576	575	574	577	588	600	607	603	589	578	568	564	557	563	568	569	570	572	573	576	577	0	10	37	611	16	20	556	55
20				574	571	570	569	568	567	567	569	586	600	607	606	594	578	558	545	548	560	568	568	571	575	577	574	574	0	9	55	608	15	46	539	69
21				572	570	569	568	568	569	568	572	587	608	609	(600	587)	578	567	556	552	565	568	568	576	590	581	580	576	0	10	07	610	16	02	548	62
22				578	572	567	568	568	568	573	579	590	602	607	605	598	578	559	549	548	559	568	570	577	578	578	587	576	0	10	00	608	15	50	546	62
23				600	600	617	611	578	577	579	588	601	615	602	610	594	571	551	546	543	549	550	568	569	577	582	585	582	0	9	28	641	16	15	537	104
24				578	578	572	571	571	569	568	577	587	601	608	601	578	567	558	557	558	567	569	570	571	572	577	579	575	0	10	00	609	15	49	551	58
25				578	577	572	570	569	571	568	568	578	597	608	603	589	578	567	558	552	558	563	567	569	572	576	577	574	0	10	30	609	16	40	548	61
26				577	578	574	577	574	569	569	577	587	592	596	588	577	558	551	548	552	558	566	568	568	572	573	577	572	0	10	00	599	15	53	547	52
27				570	568	572	571	569	570	572	578	588	590	593	591	587	569	560	558	558	560	564	566	568	569	571	573	572	0	9	58	597	15	36	553	44
28				578	577	569	565	558	570	571	574	582	590	557	547	544	558	568	571	574	568	571	576	575	578	588	589	571	1	23	10	602	11	54	498	104
29				572	568	572	568	536	572	576	580	585	593	597	587	577	568	561	551	548	558	562	570	569	578	579	578	571	0	9	40	599	4	26	505	94
30				576	571	570	569	568	568	567	568	581	597	605	604	598	581	568	559	557	559	567	568	570	572	571	571	574	0	10	49	609	16	50	551	58
31				570	568	568	567	568	568	565	564	579	599	609	603	588	568	553	548	551	560	568	568	572	574	572	573	572	0	10	27	610	15	26	538	72
MEANS ALL DAYS				580	577	574	574	571	572	571	571	581	592	599	597	586	574	562	554	555	562	568	571	574	578	580	581	575								65
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⏅ = NO RECORD

TABLE 22

DECLINATION

SEPTEMBER 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				570	569	567	567	562	568	566	570	591	604	612	613	602	588	571	560	558	560	567	570	570	570	571	570	576	0	11	05	620	4	33	550	70
2				570	569	566	569	563	562	559	560	570	590	605	608	602	581	559	540	551	559	567	566	569	578	582	578	572	0	10	56	612	15	31	531	81
3				572	570	570	570	569	569	569	572	588	599	599	594	582	562	549	546	548	559	565	568	576	572	572	571	571	0	10	43	600	15	38	544	56
4				572	570	571	571	569	569	567	569	581	592	607	614	607	582	554	541	531	548	558	599	579	562	576	576	574	1	11	23	621	16	23	525	96
5				576	570	570	549	546	559	562	571	579	598	611	610	592	579	568	559	560	561	569	570	571	575	578	578	573	0	10	49	620	3	52	530	90
6				581	569	568	568	568	570	569	579	597	612	619	611	599	584	567	554	554	561	569	568	578	584	574	572	578	0	10	45	622	15	45	550	72
7				572	570	569	569	569	564	558	565	592	612	621	610	597	572	549	541	545	557	568	569	570	582	577	575	574	0	10	30	622	15	40	539	83
8				572	570	572	572	572	571	568	573	584	597	602	600	587	569	558	550	549	555	561	567	567	569	568	572	572	0	10	40	607	16	15	547	60
9				571	571	569	569	566	569	577	587	612	621	621	610	590	570	554	546	544	556	564	568	569	579	580	574	577	0	9	41	627	16	05	540	87
10				571	569	569	568	569	568	570	572	598	612	611	603	587	568	552	549	552	559	563	566	567	570	569	569	573	0	9	55	613	14	50	547	66
11				570	568	569	569	559	561	569	579	599	608	600	582	561	546	534	538	556	560	568	567	572	576	572	571	569	0	9	18	610	14	59	527	83
12				565	588	590	590	569	539	568	590	602	600	601	595	569	558	541	546	556	567	571	573	589	600	579	578	576	0	8	20	613	5	31	522	91
13				572	574	561	564	567	569	579	593	610	620	611	596	569	552	538	538	547	558	562	569	569	580	588	577	573	0	9	22	622	15	00	536	86
14				569	570	559	559	567	569	577	588	609	620	613	589	565	542	530	538	550	561	569	569	569	570	570	569	570	0	10	01	621	15	01	528	93
15				569	568	567	559	560	568	577	590	603	611	610	589	562	548	539	544	550	559	565	569	567	569	569	569	570	0	9	53	618	14	40	538	80
16				569	568	568	568	569	571	582	600	611	620	619	610	588	562	549	546	548	557	561	563	562	568	570	570	575	0	10	04	624	15	55	539	85
17				576	572	571	570	569	571	579	598	597	588	592	571	540	537	545	530	528	569	575	580	612	600	631	613	576	1	20	43	672	16	00	518	154
18				583	581	589	594	568	564	573	591	597	599	588	571	559	564	568	549	(567	559)	583	604	580	605	593	631	582	1	23	45	686	15	31	538	148
19				632	578	610	599	559	570	570	598	590	579	569	565	559	556	558	559	559	558	575	567	569	571	579	576	575	0	0	58	672	4	58	536	136
20				570	573	579	575	580	582	590	601	610	618	614	600	569	548	546	539	550	559	581	570	569	570	571	572	576	0	9	36	631	15	26	529	102
21				571	571	570	569	567	569	579	590	610	616	611	586	559	537	537	538	549	558	568	569	570	591	598	610	575	0	9	47	621	14	25	532	89
22				579	569	568	568	562	557	576	588	603	608	597	570	556	546	541	547	559	566	568	569	569	572	572	576	570	0	9	33	619	14	47	539	80
23				571	569	561	562	568	570	579	592	609	611	600	572	548	537	530	543	560	568	569	569	569	570	571	569	569	0	9	02	613	14	22	528	85
24				570	569	569	569	569	570	576	590	608	612	600	577	553	538	531	541	554	562	568	567	570	568	569	570	570	0	9	33	617	14	15	530	87
25				570	569	571	569	569	572	579	590	599	600	597	581	566	538	525	528	537	548	560	564	566	566	569	569	567	0	9	10	602	14	47	519	83
26				571	568	566	569	569	569	576	579	600	608	606	589	569	548	537	536	545	556	559	562	564	568	569	571	569	0	9	58	610	15	11	528	82
27				572	559	569	570	569	570	579	592	610	621	630	611	579	563	559	549	559	564	564	586	579	570	569	569	578	0	10	02	631	15	16	547	84
28				569	567	569	570	570	578	580	590	600	609	600	579	552	540	534	533	547	558	559	560	565	569	571	570	568	0	9	13	611	15	12	528	83
29				569	569	567	569	570	576	579	594	611	620	615	591	563	548	538	540	548	557	564	567	568	567	568	569	572	0	9	10	625	15	00	531	94
30				570	581	573	578	579	580	591	600	618	617	581	569	550	532	523	519	538	552	569	560	569	579	580	570	570	0	9	00	629	15	30	508	121
31																																				
MEANS ALL DAYS				574	571	571	570	567	568	574	585	600	607	605	592	573	556	546	543	550	559	567	570	572	576	577	577	573								90
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
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[ ] = APPROXIMATE. MAGNETIC STORM
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▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 23

DECLINATION

OCTOBER 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				570	576	569	578	574	570	583	600	609	601	601	580	564	551	549	550	559	564	568	569	569	568	569	570	573	0	8	44	617	14	30	548	69
2				576	577	579	582	560	573	590	600	614	621	610	589	559	539	538	539	548	559	563	570	578	569	583	574	575	0	9	18	623	14	48	529	94
3				569	569	568	569	570	578	587	605	620	620	600	572	547	528	529	538	556	567	567	568	569	569	564	567	571	0	8	44	625	13	50	525	100
4				566	568	569	570	576	580	595	610	624	622	607	578	548	531	528	537	550	559	559	559	561	563	564	565	570	0	8	59	628	14	30	527	101
5				568	569	569	569	570	573	586	609	618	628	620	590	552	540	539	539	552	569	569	567	570	581	579	579	575	0	9	34	631	15	19	527	104
6				590	590	590	588	574	577	591	603	620	622	614	591	560	547	532	538	550	559	563	562	561	565	569	571	576	0	9	21	631	14	07	528	103
7				570	570	569	569	560	564	579	596	613	621	609	578	541	518	510	518	537	549	559	560	560	562	564	568	564	0	8	44	631	15	00	507	124
8				569	569	569	569	568	568	576	600	620	631	620	599	569	541	529	529	538	549	559	567	579	581	600	593	575	0	9	24	641	14	15	521	120
9				581	572	572	571	570	579	591	609	619	621	610	581	543	519	510	511	529	541	553	558	561	566	569	569	567	0	9	03	622	14	45	497	125
10				564	569	569	569	569	571	579	590	608	607	600	579	553	537	527	528	538	550	559	561	560	561	564	568	566	0	8	57	610	14	50	520	90
11				566	568	569	569	569	571	582	600	618	621	613	591	569	538	527	529	537	552	559	559	559	559	560	562	569	0	9	16	622	15	17	517	105
12				565	566	567	569	569	571	590	608	627	640	629	591	553	532	509	507	523	538	549	569	569	610	611	589	573	1	9	38	641	15	03	498	143
13				579	574	552	579	569	573	596	611	621	625	622	600	569	539	528	528	551	558	565	569	569	569	569	577	575	0	8	57	631	2	01	507	124
14				578	569	567	560	568	578	590	600	607	616	611	590	558	528	516	518	528	549	559	559	564	572	571	574	568	0	9	56	621	14	39	515	106
15				563	572	578	579	560	569	585	609	627	630	610	589	559	540	531	528	537	547	563	567	559	561	568	570	571	0	9	13	632	15	15	518	114
16				578	577	569	573	572	579	582	593	609	610	600	588	563	547	528	528	528	533	545	552	579	579	587	588	570	0	9	40	619	16	13	518	101
17				579	581	590	573	579	590	600	609	611	610	600	579	559	537	(528	530)	538	551	564	568	569	570	574	573	573	0	8	08	612	14	28	521	91
18				590	573	579	566	571	579	590	600	611	619	612	590	561	544	540	544	551	559	567	559	562	580	579	574	575	0	9	40	621	14	13	538	83
19				572	578	582	590	580	583	594	603	611	612	603	581	559	543	538	539	548	554	559	563	576	569	574	578	575	0	9	32	620	14	05	531	89
20				581	578	578	580	579	578	602	620	630	614	603	590	562	538	529	536	548	559	560	562	560	561	566	568	574	0	8	02	644	14	40	528	116
21				568	569	569	569	560	565	581	608	628	629	616	597	569	544	530	529	542	555	559	561	562	566	565	568	571	0	9	04	632	15	11	528	104
22				569	569	569	569	569	569	571	590	621	638	631	587	549	528	520	526	538	552	559	569	568	579	590	590	572	0	9	40	650	14	33	518	132
23				579	578	568	569	569	579	590	621	631	632	620	589	550	522	516	525	547	559	557	552	558	559	560	560	570	0	9	39	642	14	17	513	129
24				559	569	567	568	569	571	582	610	641	663	660	612	562	536	514	517	532	559	600	611	589	567	570	576	579	1	9	54	686	14	50	510	176
25				579	580	597	612	559	570	569	583	595	579	578	566	528	526	516	517	538	562	569	586	610	619	596	600	572	1	22	02	639	15	10	507	132
26				632	615	590	590	589	594	610	622	638	642	631	603	580	545	538	530	539	549	558	560	561	567	568	569	584	0	0	45	670	15	20	528	142
27				567	569	569	570	578	579	596	618	632	636	620	591	551	519	508	509	527	540	549	551	558	560	574	583	569	0	9	30	641	15	10	507	134
28				580	579	581	591	600	602	592	589	600	588	600	599	579	551	538	529	538	559	569	578	569	582	588	579	578	1	8	45	639	15	00	525	114
29				567	548	559	557	516	564	590	609	614	610	584	564	546	532	529	534	548	559	562	559	560	568	579	569	564	0	9	20	625	4	20	455	170
30				559	557	561	562	560	552	561	590	609	616	616	592	569	559	549	548	557	559	564	566	579	588	573	572	572	0	10	11	625	14	58	541	84
31				564	560	568	569	571	578	582	600	601	610	598	577	558	547	539	540	548	557	558	559	559	560	567	569	568	0	9	03	612	14	45	538	74
MEANS ALL DAYS				574	573	573	574	569	575	587	604	618	620	611	587	558	537	528	530	542	554	562	565	568	572	575	575	572								113
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 24

DECLINATION

NOVEMBER 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				569	569	569	570	572	576	583	600	619	623	621	610	562	555	545	547	551	558	559	559	560	560	561	562	574	0	9	44	628	15	23	539	89
2				566	568	569	569	570	579	587	605	619	608	595	582	564	548	538	538	547	551	559	559	559	559	564	568	570	0	8	25	620	15	00	535	85
3				569	570	569	567	576	579	582	600	602	600	594	581	563	541	538	538	549	552	558	559	559	559	560	561	568	0	8	35	609	14	16	529	80
4				563	566	568	570	573	579	590	599	603	601	589	570	552	538	528	529	539	549	550	549	554	557	563	569	564	0	8	45	609	14	57	519	90
5				564	564	566	568	563	562	579	590	600	593	580	566	557	547	538	539	544	551	564	563	564	569	578	573	566	0	8	20	609	14	45	536	73
6				569	569	568	567	570	579	590	600	607	610	600	582	559	539	529	530	539	548	555	559	559	560	567	568	568	0	8	59	611	15	00	525	86
7				569	569	569	569	569	577	590	603	610	612	603	582	554	529	515	520	529	537	546	550	551	552	554	559	563	0	9	24	622	14	40	512	110
8				562	563	562	562	563	572	582	596	618	620	610	579	551	530	519	521	528	539	549	546	548	549	559	568	562	0	8	50	621	14	35	517	104
9				588	589	611	603	589	580	600	608	621	610	609	583	559	519	487	486	507	538	572	559	548	565	578	590	571	1	8	40	631	15	14	462	169
10				559	582	579	548	573	579	602	610	611	610	600	580	559	533	525	529	538	549	553	558	569	567	566	564	568	0	8	01	622	14	21	517	105
11				562	559	567	569	570	572	579	592	610	613	601	579	538	517	507	519	538	542	550	559	560	569	570	578	563	0	9	00	620	14	26	499	121
12				576	583	581	579	578	580	590	608	610	609	600	598	569	539	537	523	522	538	557	552	558	560	565	569	570	0	9	19	621	15	40	517	104
13				570	570	568	552	550	567	575	582	594	608	611	599	570	548	527	526	536	548	554	559	566	569	578	576	567	0	10	03	620	15	14	522	98
14				583	579	567	570	569	574	578	577	593	600	600	589	568	548	537	537	539	550	559	561	559	567	570	571	569	0	8	55	607	15	21	531	76
15				577	578	578	576	573	581	595	610	619	621	619	593	567	544	(527	525)	528	537	549	559	552	554	559	567	570	0	8	58	629	15	40	519	110
16				566	572	589	579	574	578	591	603	608	610	590	567	548	530	527	537	539	548	559	567	569	572	570	569	569	0	9	40	619	14	07	521	98
17				569	550	557	569	571	579	570	581	582	595	590	579	547	534	528	533	549	559	558	575	581	560	563	568	564	0	20	03	621	14	46	524	97
18				569	569	567	568	570	579	600	611	612	610	602	584	552	528	517	529	540	551	559	561	563	559	565	567	568	0	8	20	621	14	40	513	108
19				560	562	566	568	570	580	599	621	635	637	620	595	561	537	524	528	537	544	550	554	559	564	566	568	571	0	9	05	644	14	52	519	125
20				567	569	564	569	571	579	594	614	639	650	631	599	559	528	521	522	539	549	554	559	560	560	560	562	572	0	9	30	653	14	50	517	136
21				564	566	568	569	568	569	584	600	617	631	625	601	561	538	529	530	538	547	548	550	550	556	559	566	568	0	9	34	632	14	33	518	114
22				572	576	575	573	578	579	583	598	618	623	600	572	548	529	514	517	534	542	551	555	556	559	560	560	566	0	9	08	631	14	50	508	123
23				560	563	564	566	569	572	583	601	619	625	613	576	538	516	507	515	536	548	559	557	559	559	561	567	564	0	9	55	631	14	35	507	124
24				569	570	569	569	570	578	583	600	614	627	616	591	559	528	512	516	528	539	558	557	559	559	559	562	566	0	9	24	631	14	50	508	123
25				564	567	566	568	570	577	591	611	634	638	610	575	538	509	500	507	521	532	552	554	557	559	566	569	564	0	8	56	648	14	29	497	151
26				576	570	570	570	569	579	593	610	626	620	602	573	548	527	509	508	521	539	549	552	558	560	562	562	565	0	8	40	629	15	10	506	123
27				565	561	564	564	569	577	590	612	621	620	609	582	561	538	528	530	538	546	551	553	559	559	559	558	567	0	8	50	629	14	50	527	102
28				559	559	560	560	564	579	600	616	624	622	609	581	559	534	517	513	520	532	541	544	547	549	554	558	563	0	8	23	629	15	25	511	118
29				559	560	559	559	565	579	600	610	631	630	600	562	538	518	500	507	528	547	559	555	559	569	572	569	564	0	9	17	638	14	37	496	142
30				564	569	569	562	579	599	618	640	631	610	589	568	548	535	527	536	543	550	551	550	554	558	559	566	570	0	7	34	652	14	33	524	128
31																																				
MEANS ALL DAYS				568	569	570	568	570	577	589	604	615	616	605	583	556	533	522	524	535	545	554	556	559	561	564	567	567								110
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 25

DECLINATION

DECEMBER 1945

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DECEMBER 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				567	568	572	573	581	585	613	636	646	635	605	575	552	538	532	541	543	552	554	555	557	560	563	567	574	0	8 24	651	14 01	532	119
2				573	571	573	576	580	594	621	643	645	636	613	583	542	524	521	531	542	545	551	552	551	558	563	565	573	0	8 10	649	14 23	513	136
3				570	567	567	569	573	582	595	602	619	625	597	565	542	528	528	540	551	556	557	560	562	563	566	567	569	0	9 28	629	14 20	521	108
4				571	568	563	562	567	575	590	608	628	627	604	573	545	532	531	533	547	555	560	562	563	563	564	564	569	0	8 46	635	14 15	528	107
5				565	567	571	573	574	583	603	621	633	625	597	558	534	524	528	535	543	547	554	555	555	561	563	564	568	0	8 14	635	14 00	521	114
6				565	572	573	571	564	577	605	625	637	635	608	572	543	526	521	527	539	542	554	551	558	575	583	593	572	0	9 04	649	14 45	512	137
7				584	585	586	583	583	573	603	622	635	638	629	578	534	508	503	508	526	539	560	558	560	562	563	565	570	0	9 23	644	14 06	498	146
8				571	573	573	573	575	586	607	623	632	634	604	556	523	502	491	501	513	531	551	563	569	584	597	584	567	0	9 29	656	14 15	490	166
9				574	573	574	573	573	582	597	614	631	626	623	585	561	534	512	519	532	542	546	556	564	578	573	591	572	0	8 39	637	14 44	510	127
10				584	582	573	573	573	583	596	604	618	613	596	573	552	539	529	521	526	537	555	555	566	559	563	565	568	0	8 34	625	15 30	519	106
11				571	571	566	566	572	579	595	613	632	634	616	586	553	532	523	521	532	542	552	555	561	565	565	564	569	0	9 16	635	15 20	517	118
12				570	567	565	564	565	573	583	600	614	613	603	588	573	550	535	533	535	542	550	554	564	571	574	565	569	0	8 50	621	15 10	532	89
13				568	565	569	571	565	573	584	599	615	634	632	606	570	529	502	501	521	532	543	550	555	581	571	565	567	0	9 43	645	15 00	497	148
14				566	575	591	585	565	551	562	573	584	594	578	554	531	498	482	472	480	527	593	581	604	614	611	598	561	1	21 37	676	15 04	461	215
15				583	578	573	573	583	600	621	626	618	623	614	594	573	567	556	552	550	552	545	553	573	563	564	576	580	0	7 10	635	15 49	542	93
16				573	573	575	582	583	586	593	619	633	628	614	583	562	542	537	539	549	553	554	(558	560)	557	563	565	574	0	8 40	635	15 12	533	102
17				567	572	573	576	593	607	633	666	666	637	595	573	543	511	504	502	519	542	557	563	567	586	595	593	577	0	8 30	694	15 00	495	199
18				583	577	573	573	579	586	612	623	628	626	604	580	551	535	527	523	532	541	552	553	553	565	573	572	572	0	8 51	635	14 52	521	114
19				575	573	571	572	575	584	604	626	639	642	624	583	541	515	511	513	532	544	562	561	563	563	563	573	571	0	9 07	645	14 40	510	135
20				573	562	570	574	583	583	591	592	622	645	616	583	552	530	519	526	544	554	557	556	554	573	577	585	572	1	9 22	675	14 30	511	164
21				576	573	571	558	550	572	590	604	622	635	624	584	532	511	490	501	522	532	545	554	573	565	563	564	563	1	9 50	645	14 15	488	157
22				565	563	563	563	565	573	585	597	613	615	604	583	553	532	519	521	537	552	555	559	563	561	562	563	565	0	9 10	619	14 52	511	108
23				563	564	563	563	564	573	589	602	624	623	605	574	543	518	511	512	532	547	555	553	554	555	560	561	563	0	8 53	628	14 13	504	124
24				555	574	572	563	542	583	601	603	630	622	613	584	558	536	521	522	532	534	544	544	553	582	578	566	567	1	8 10	670	14 27	505	165
25				572	573	573	574	580	583	594	599	604	602	581	554	536	527	522	521	523	532	534	550	563	562	561	584	563	1	8 41	612	16 04	511	101
26				591	613	614	606	596	614	604	604	603	589	563	550	539	526	532	530	532	552	556	563	584	572	563	563	573	1	1 31	630	13 52	513	117
27				583	585	583	571	571	585	593	602	605	606	604	583	564	555	551	542	552	549	541	552	590	584	563	572	574	1	8 23	616	15 44	533	83
28				561	573	563	566	583	591	597	596	604	602	594	575	552	529	521	520	542	543	549	553	563	573	604	616	570	1	23 07	645	15 25	516	129
29				574	570	561	563	571	575	580	594	596	603	602	583	542	536	525	524	532	542	563	565	563	563	564	566	565	0	8 43	606	14 56	521	85
30				572	573	563	561	572	568	583	588	593	594	592	581	563	542	527	521	528	549	563	555	552	563	563	563	564	0	8 18	604	15 40	520	84
31				563	565	562	573	568	574	585	604	614	612	603	573	542	516	513	519	524	536	542	542	542	557	571	563	561	0	8 27	615	14 08	509	106
MEANS ALL DAYS				572	573	572	572	573	582	597	611	622	622	605	577	548	529	520	522	533	543	553	556	563	569	571	573	569						126
MEANS TEN DAYS ✻																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
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[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
∇ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 26

HORIZONTAL INTENSITY

JANUARY 1945

2 4 0 0 0 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

JANUARY 1945

DAY	✲	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				748	750	750	750	750	753	753	748	748	736	731	732	733	737	740	746	752	753	745	747	755	758	758	758	747	0	23	02	764	10	40	729	35
2				756	757	761	762	760	761	757	757	735	728	726	733	749	750	749	751	754	752	752	755	752	751	751	757	751	0	3	03	768	10	23	725	43
3				758	755	756	757	758	761	764	767	764	754	738	736	745	758	767	777	778	767	751	756	757	755	753	761	758	0	16	08	780	11	03	730	50
4				760	759	766	770	761	760	760	757	752	750	746	748	758	760	762	755	768	768	766	766	766	766	766	761	760	0	2	58	776	11	04	744	32
5				760	760	759	765	761	758	763	760	755	745	734	731	734	740	748	755	758	755	755	755	754	754	755	754	753	0	3	12	769	11	22	729	40
6				756	757	757	762	762	765	769	773	772	769	769	768	768	765	765	773	781	775	759	755	758	761	761	764	765	0	16	53	784	19	10	753	31
7				764	762	761	761	766	763	764	764	767	770	767	762	767	762	762	762	767	773	773	767	769	770	771	768	766	0	18	10	781	15	00	756	25
8				768	769	769	766	766	770	771	775	776	770	763	759	758	758	755	759	773	779	774	766	766	766	766	764	767	0	17	31	782	15	05	753	29
9				762	762	761	761	763	768	771	774	776	779	777	771	760	762	763	761	762	765	769	771	777	777	779	771	768	0	23	28	785	12	40	757	28
10				773	775	782	782	788	786	777	782	776	783	778	767	751	751	729	730	737	740	743	742	753	744	751	747	761	1	5	26	793	14	44	698	95
11				753	761	756	750	748	748	750	750	752	749	749	750	747	746	744	747	749	754	756	755	756	757	756	753	752	0	1	03	766	14	35	742	24
12				753	754	756	758	756	754	754	751	753	761	764	767	767	764	756	755	760	764	767	769	770	769	762	755	760	0	21	12	773	8	07	749	24
13				756	759	760	763	765	767	766	762	760	760	755	755	762	765	759	759	763	768	771	771	766	766	765	765	763	0	18	29	774	11	15	749	25
14				768	769	770	770	773	773	772	767	761	752	744	748	757	759	765	773	778	779	777	769	770	773	772	772	767	0	17	41	784	10	55	741	43
15				775	777	777	777	774	776	782	783	782	780	783	789	774	770	773	759	743	735	735	728	748	737	739	733	764	1	11	23	795	19	31	716	79
16				760	759	774	725	723	728	739	738	728	720	720	718	720	723	720	725	753	753	740	747	747	749	747	748	736	0	2	18	805	14	54	715	90
17				749	749	747	750	751	751	749	750	745	743	734	739	761	763	758	757	753	746	747	753	753	756	763	753	751	0	22	06	774	11	10	728	46
18				757	760	753	769	760	757	758	759	760	756	745	740	758	739	741	746	755	757	757	759	760	760	759	756	754	0	2	36	779	12	56	736	43
19				764	767	767	762	764	766	772	779	776	772	764	756	746	745	747	759	765	767	763	759	759	761	762	772	763	0	7	35	782	14	04	741	41
20				765	761	757	760	761	760	762	760	762	761	755	744	739	734	730	733	736	745	747	742	764	762	758	761	752	0	20	44	780	14	43	725	55
21				764	763	763	762	763	764	762	761	763	766	768	768	761	751	750	757	760	762	762	765	763	760	759	758	761	0	10	28	769	14	22	746	23
22				757	761	762	761	763	767	772	777	779	782	782	782	774	766	761	761	763	763	761	761	763	764	766	766	767	0	10	03	783	0	30	755	28
23				766	767	768	766	764	763	763	763	767	774	775	772	778	779	778	776	772	771	767	764	766	765	764	764	769	0	13	41	781	8	03	762	19
24				765	767	767	769	767	767	766	763	761	762	760	757	755	757	757	759	763	765	768	768	767	765	766	768	764	0	18	27	771	12	12	754	17
25				770	771	768	765	766	767	767	766	771	777	777	773	768	766	768	766	764	764	763	764	764	764	764	764	767	0	9	47	780	18	54	761	19
26				764	764	767	770	769	769	771	770	771	769	764	762	761	761	760	764	774	785	792	798	798	793	784	779	773	0	21	16	803	14	11	758	45
27				785	773	773	773	762	763	767	764	760	758	760	757	759	763	764	765	770	775	771	770	770	776	776	771	768	0	0	36	797	12	00	757	40
28				767	770	775	775	775	781	783	780	766	754	746	753	759	761	762	763	764	770	777	780	778	776	775	774	769	0	6	47	785	9	56	741	44
29				781	793	792	774	765	773	777	770	774	777	745	707	685	704	700	694	704	715	722	722	728	731	747	734	742	1	2	29	802	12	45	665	137
30				740	773	739	757	747	747	734	728	713	713	708	703	683	693	718	726	739	736	744	744	749	738	737	741	731	0	1	30	795	13	01	670	125
31				756	753	746	746	749	750	750	752	752	746	739	728	726	731	746	763	763	760	759	757	755	757	755	756	750	0	1	05	767	12	01	724	43
MEANS ALL DAYS				762	764	763	763	761	762	763	763	761	759	754	751	750	751	752	754	758	759	759	759	761	761	761	760	759								46
MEANS TEN DAYS ✲																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE, MAGNETIC STORM

( ) = INTERPOLATED

⌈ ⌋ = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

□ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 27

HORIZONTAL INTENSITY

FEBRUARY 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1945

DAY	✽	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				757	757	758	758	760	763	766	770	774	765	756	748	734	734	735	745	761	766	764	767	766	764	764	764	758	0	8	13	775	12	54	730	45
2				764	765	766	766	766	768	772	774	776	774	769	758	750	748	756	766	770	774	769	751	737	733	739	740	760	0	17	26	779	21	41	728	51
3				743	750	750	764	759	760	759	754	749	747	746	744	757	767	765	762	762	761	761	761	760	760	758	760	757	0	13	28	770	11	32	741	29
4				764	761	761	762	763	765	767	765	766	766	769	765	762	756	760	767	771	770	769	771	774	774	771	771	766	0	20	30	775	13	37	753	22
5				771	769	767	766	761	761	764	770	772	780	779	770	750	724	726	737	752	734	731	739	748	748	751	747	755	1	9	20	784	13	51	715	69
6				749	755	759	759	753	756	764	763	749	748	745	746	741	736	736	736	741	738	737	742	754	758	760	758	749	0	3	51	769	18	38	729	40
7				762	764	773	767	764	766	766	764	762	763	762	759	762	763	760	755	764	755	757	766	766	766	765	761	763	0	2	17	778	17	41	749	29
8				760	758	763	766	761	763	765	764	762	760	759	758	761	758	759	753	740	738	746	743	743	744	749	750	755	0	3	18	769	17	40	732	37
9				759	768	762	764	758	764	762	756	757	763	763	766	761	752	748	750	749	748	746	749	760	763	763	765	758	0	1	05	772	18	31	739	33
10				760	755	758	760	750	756	756	752	750	750	754	756	763	767	768	760	753	752	754	760	762	762	762	763	758	0	14	31	771	17	35	747	24
11				761	763	763	764	764	763	764	760	751	756	769	771	761	764	758	756	752	754	759	759	759	759	758	762	760	0	11	01	775	17	30	749	26
12				764	753	756	760	760	762	763	763	761	763	766	766	763	758	745	750	753	755	758	760	760	761	761	760	759	0	0	06	770	13	54	740	30
13				761	769	761	761	762	764	765	764	753	742	737	737	742	748	755	759	765	764	762	763	761	755	754	759	757	0	1	20	772	11	04	734	38
14				762	762	762	764	764	766	769	772	769	761	751	740	741	750	763	769	772	773	777	778	775	773	775	776	765	0	18	12	782	12	08	736	46
15				783	785	789	786	785	779	783	773	762	739	726	725	735	757	(760	744)	749	734	724	717	733	740	750	751	754	1	2	20	795	19	53	706	89
16				747	749	758	770	759	754	763	763	747	746	747	754	754	757	758	751	755	753	745	751	750	748	749	752	753	1	3	47	786	22	13	728	58
17				751	750	765	767	754	757	759	757	765	769	770	763	755	753	755	758	758	759	754	758	756	763	761	759	759	0	2	52	775	1	32	746	29
18				766	759	758	762	769	761	761	758	760	761	757	749	744	742	746	749	755	758	760	761	760	760	758	763	757	0	3	59	784	13	52	740	44
19				760	760	760	760	762	763	761	762	764	766	765	764	759	751	749	750	751	756	758	759	761	760	761	764	759	0	23	38	769	14	15	747	22
20				768	768	771	771	769	771	774	773	768	765	760	757	754	752	752	755	762	767	770	772	770	769	766	767	765	0	23	59	780	13	43	750	30
21				778	767	768	769	768	768	772	773	774	775	774	773	769	761	757	760	765	769	770	769	770	771	771	771	769	0	0	05	783	14	31	754	29
22				771	771	773	775	774	774	771	769	772	774	776	782	777	771	768	765	770	774	781	780	771	771	770	772	773	0	19	00	790	22	17	762	28
23				771	778	781	781	781	779	780	781	763	784	783	782	778	778	780	778	774	776	781	789	786	788	775	781	780	0	19	03	794	22	30	764	30
24				772	771	773	775	775	775	777	773	774	773	773	772	769	756	755	763	768	770	773	772	774	773	773	771	771	0	0	04	780	14	05	746	34
25				767	770	771	766	773	773	773	774	762	762	762	748	740	739	740	749	748	746	753	762	764	766	764	761	760	0	5	29	781	14	17	735	46
26				764	764	765	768	776	769	769	770	767	766	774	773	761	766	769	768	768	769	770	769	769	769	767	785	769	1	23	10	793	12	42	756	37
27				747	763	773	759	755	757	762	759	754	759	765	765	757	746	743	752	736	750	757	759	756	748	764	771	757	0	2	10	789	16	48	734	55
28				766	762	760	771	773	761	764	765	761	751	746	744	741	746	759	767	766	761	762	762	761	760	760	759	760	0	3	53	783	13	14	738	45
29																																				
30																																				
31																																				
MEANS ALL DAYS				762	763	765	766	765	765	767	766	763	762	761	758	755	754	754	756	758	758	759	760	761	761	761	763	761								39
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⩟ = NO RECORD

TABLE 28

HORIZONTAL INTENSITY

MARCH 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1945

DAY	✽	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				760	755	760	759	760	761	765	768	764	758	751	747	752	756	757	760	760	760	760	760	763	762	763	760	759	0	7	10	769	11	50	745	24
2				765	766	765	765	767	768	770	772	773	770	768	763	759	760	760	762	765	770	771	771	766	762	760	772	766	0	23	59	794	14	10	756	38
3				782	770	768	772	775	777	776	773	768	773	770	765	758	760	763	761	755	752	758	761	755	757	761	762	766	0	0	01	792	17	03	746	46
4				762	756	758	761	761	761	762	761	754	750	747	750	752	753	757	763	760	762	766	770	769	766	766	763	760	0	19	24	771	10	10	745	26
5				763	765	766	768	769	771	770	769	766	767	768	770	767	764	763	765	765	767	768	770	769	765	762	749	766	1	18	53	773	23	59	744	29
6				742	749	753	743	746	756	754	752	751	750	756	762	762	758	752	747	754	760	759	756	749	749	763	762	754	0	2	14	772	2	44	738	34
7				778	773	770	759	761	759	760	760	755	756	761	763	760	756	757	749	753	760	763	765	767	766	767	765	762	0	0	14	794	15	44	746	48
8				764	774	773	770	769	768	768	771	772	777	780	766	760	774	773	763	748	757	774	755	757	734	752	753	765	1	18	15	784	21	16	721	63
9				770	757	758	761	762	764	765	767	772	773	769	768	766	766	767	765	759	761	761	759	760	762	760	759	764	0	0	30	782	1	17	753	29
10				762	762	772	769	760	756	756	761	766	769	768	767	761	757	757	757	763	760	762	763	765	766	768	768	763	0	2	56	776	15	03	753	25
11				768	771	773	775	778	779	778	765	743	744	743	742	745	745	741	735	741	731	712	730	719	720	746	733	748	1	6	16	783	18	17	700	83
12				731	745	739	734	734	736	734	732	730	736	739	758	746	734	733	732	732	737	765	734	750	755	766	770	741	1	18	34	790	19	38	706	84
13				737	747	744	746	752	755	755	734	725	719	718	717	719	723	724	723	724	729	732	728	726	737	744	738	733	0	6	30	775	11	39	714	61
14				756	740	742	745	746	748	750	750	746	744	741	741	740	735	735	741	746	743	741	734	744	750	754	760	744	0	23	59	770	19	30	729	41
15				760	755	752	754	760	762	762	760	721	700	725	742	733	728	707	713	719	735	738	(743	747)	761	750	780	742	1	23	20	797	9	11	679	118
16				748	776	766	742	752	742	728	729	717	724	730	732	729	728	730	723	724	730	730	727	729	734	762	741	736	1	1	33	798	8	45	712	86
17				735	761	745	746	748	749	751	739	748	745	748	755	753	749	740	734	735	738	747	751	754	752	752	752	747	0	1	29	779	0	33	730	49
18				750	752	758	760	757	754	753	756	762	765	767	765	758	754	759	759	757	757	758	758	748	745	750	761	757	0	11	08	769	21	17	741	28
19				758	770	761	756	757	755	757	757	761	758	757	751	753	757	760	758	755	754	754	756	761	758	759	764	758	0	1	39	776	11	56	748	28
20				760	762	761	762	763	764	765	764	750	744	756	772	782	776	762	751	746	748	751	755	760	758	757	757	759	0	12	33	783	9	27	743	40
21				757	763	762	767	799	773	753	751	748	742	747	753	756	759	759	758	753	747	745	755	756	760	763	764	758	0	4	51	835	9	40	738	97
22				766	765	780	777	765	763	760	757	756	759	764	770	770	765	763	761	760	760	761	761	761	760	760	761	764	0	2	22	788	8	31	754	34
23				760	762	764	765	767	767	768	768	765	762	763	762	758	761	764	766	762	761	763	768	766	766	765	763	764	0	19	15	770	13	02	757	13
24				763	763	764	764	767	769	(767	763	760)	761	763	767	771	770	768	769	767	753	741	753	761	759	753	752	762	0	12	33	773	18	33	739	34
25				749	766	762	763	770	769	770	769	762	762	766	770	771	764	761	760	759	761	761	756	748	746	756	761	762	0	1	41	775	20	54	741	34
26				770	778	767	772	773	777	774	758	735	743	770	782	767	741	751	728	696	678	728	734	733	730	729	707	747	1	0	50	792	17	34	670	122
27				711	740	757	767	755	751	746	733	744	749	752	757	758	760	754	757	760	752	729	732	749	753	745	758	749	0	3	11	778	0	10	697	81
28				748	753	764	772	772	779	763	760	761	755	755	761	771	774	773	777	766	773	761	746	743	743	723	733	759	1	15	26	814	19	12	677	137
29				734	731	734	736	739	741	743	741	738	737	733	734	734	725	732	726	732	723	713	705	729	747	749	756	734	0	23	31	762	19	12	700	62
30				743	744	746	748	750	749	750	750	754	754	752	755	751	746	746	747	750	752	754	755	758	755	757	757	751	0	23	22	760	0	35	741	19
31				758	758	759	760	762	760	759	760	761	758	757	752	749	748	750	751	754	757	760	762	762	762	762	761	758	0	0	30	766	13	23	747	19
MEANS ALL DAYS				755	759	759	759	761	761	759	756	753	752	754	756	755	753	752	750	749	749	751	751	752	753	756	756	755								53
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 29

HORIZONTAL INTENSITY

APRIL 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

APRIL 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				764	762	762	764	765	764	761	762	766	761	761	762	756	743	725	693	681	638	665	660	693	671	678	683	727	2	0 36	768	17 48	616	152
2				715	721	724	720	721	726	730	730	726	717	716	728	731	726	729	734	741	742	742	743	729	731	732	736	729	1	18 59	744	0 01	693	51
3				737	748	746	741	743	743	748	751	751	748	738	734	734	741	748	753	753	753	755	756	757	757	756	754	748	0	21 00	758	11 06	727	31
4				754	754	753	754	754	755	758	761	762	760	762	763	760	762	759	762	762	762	764	764	764	757	757	742	759	0	22 01	772	23 59	738	34
5				737	741	746	749	752	754	754	754	751	750	751	749	749	751	752	757	759	765	765	750	754	758	758	758	753	0	17 17	767	0 31	736	31
6				753	738	733	739	742	749	738	742	745	746	746	747	745	746	752	738	742	728	743	742	754	756	755	742	744	1	22 41	764	17 41	717	47
7				760	777	762	757	758	759	759	752	740	749	747	736	735	724	722	741	754	753	757	756	757	754	753	756	751	1	1 27	785	14 22	710	75
8				755	755	755	757	755	752	752	765	751	732	729	719	719	724	728	732	731	736	740	745	748	742	749	748	742	0	6 56	769	12 10	714	55
9				759	754	752	753	753	754	754	756	759	759	748	733	727	727	728	736	748	756	759	760	759	759	759	759	750	0	0 42	766	12 40	725	41
10				761	762	763	764	764	764	765	768	771	768	760	755	750	755	756	756	760	764	767	764	758	756	757	757	761	0	8 41	772	12 31	750	22
11				761	763	764	766	767	770	769	777	782	783	778	771	767	765	760	769	781	763	745	726	689	710	715	744	758	1	16 33	787	20 33	668	119
12				726	727	737	739	743	741	730	744	737	735	735	731	721	721	721	726	729	741	738	742	747	746	748	763	736	1	23 55	772	14 43	716	56
13				765	759	754	750	747	751	747	746	744	745	745	738	726	730	737	726	721	728	727	733	738	739	740	744	741	0	0 51	775	16 23	717	58
14				746	750	749	752	752	754	751	746	751	748	740	745	753	753	748	746	750	748	748	749	749	758	749	745	749	0	21 50	763	10 47	729	34
15				768	773	760	759	747	745	741	742	749	750	752	748	745	741	720	725	736	744	745	(744	736)	730	737	743	745	0	0 43	779	14 52	716	63
16				747	748	751	751	752	753	753	756	759	756	746	739	740	743	739	736	750	754	756	757	756	759	758	756	751	0	21 50	763	15 15	732	31
17				764	764	759	756	760	758	758	761	761	761	758	753	743	734	732	740	753	760	762	761	761	760	761	767	756	0	0 50	772	14 30	730	42
18				763	761	761	761	761	762	766	773	773	767	754	742	735	733	733	743	751	756	758	759	756	758	759	759	756	0	8 44	775	14 24	730	45
19				762	762	762	763	764	765	767	770	775	777	772	762	753	748	745	745	747	757	763	758	745	750	760	765	760	0	9 55	778	20 32	738	40
20				768	769	772	777	770	769	771	778	778	773	769	769	764	757	737	739	758	762	758	750	753	743	755	750	762	0	8 23	781	15 00	727	54
21				753	756	758	761	762	760	760	765	771	771	767	763	755	750	751	755	761	765	766	767	766	765	762	762	761	0	9 17	774	14 11	748	26
22				768	768	768	768	770	768	768	770	770	770	765	762	763	760	757	758	763	769	769	769	767	769	768	767	766	0	18 00	771	15 20	757	14
23				767	769	772	768	777	775	772	773	774	772	766	769	767	765	764	769	777	775	761	748	752	758	762	758	767	0	16 41	782	19 32	745	37
24				761	760	758	763	766	766	763	768	771	758	747	752	750	752	742	735	751	753	760	758	761	761	759	759	757	0	1 01	776	15 09	719	57
25				766	766	773	771	771	771	768	768	771	771	763	762	763	759	752	748	744	760	764	763	762	764	768	764	764	0	2 14	776	16 07	742	34
26				763	765	764	765	763	762	763	764	773	773	772	768	762	755	749	751	760	765	767	768	766	766	763	763	764	0	9 58	774	14 43	747	27
27				762	764	765	766	768	770	770	775	773	768	759	750	752	754	754	757	762	767	770	770	771	772	771	770	765	0	8 03	777	11 35	748	29
28				769	769	769	770	772	774	774	774	(767)	771	769	765	763	757	752	755	763	767	770	772	773	771	770	771	768	0	5 52	776	14 37	751	25
29				770	772	772	772	774	777	779	780	778	776	771	765	761	759	761	765	775	778	778	777	777	776	768	762	772	0	18 01	781	13 36	758	23
30				765	768	772	777	781	781	783	785	779	771	760	752	754	762	757	761	763	760	747	768	774	777	776	776	769	0	7 10	786	18 20	737	49
31																																		
MEANS ALL DAYS				757	758	758	758	759	760	759	762	762	760	755	751	748	747	744	745	751	752	754	753	752	752	753	754	754						47
MEANS TEN DAYS ✻																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧍ = NO RECORD

TABLE 30

HORIZONTAL INTENSITY

MAY 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MAY 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				777	768	782	774	770	771	773	776	770	764	757	754	755	749	744	746	754	762	760	754	764	761	760	764	763	0	2	27	790	15	41	742	48
2				764	766	767	769	767	772	774	779	781	775	763	737	744	749	752	754	746	753	756	762	758	758	767	767	762	0	8	21	783	11	19	734	49
3				761	760	761	762	764	765	769	773	776	765	765	757	744	736	737	744	744	740	747	758	764	763	762	767	758	0	8	03	779	13	51	733	46
4				761	758	759	758	770	773	770	769	776	774	772	770	762	754	747	750	753	762	764	765	765	765	765	768	764	0	8	52	777	14	01	744	33
5				767	767	766	767	766	768	769	774	774	774	767	761	758	752	746	750	758	765	766	766	763	762	759	759	764	0	9	11	776	14	31	743	33
6				762	764	765	765	765	767	769	771	773	770	760	757	754	752	751	754	761	766	768	770	768	770	775	767	764	0	22	11	778	14	24	751	27
7				765	773	761	762	762	766	766	770	773	772	770	765	759	754	754	757	764	770	772	774	774	775	776	775	767	0	22	17	779	13	51	753	26
8				772	772	773	778	778	775	774	780	786	788	783	774	769	761	755	757	765	766	764	762	761	760	764	764	770	0	9	04	791	14	40	754	37
9				766	772	772	770	773	775	775	780	783	780	776	772	770	768	761	766	763	786	786	783	780	776	773	771	775	0	17	50	788	14	25	758	30
10				768	773	770	771	768	765	772	774	772	767	760	755	747	744	744	748	755	758	755	751	754	756	756	757	760	0	8	09	775	14	31	741	34
11				757	758	759	759	759	761	775	784	789	736	777	771	767	766	726	753	753	734	730	715	705	703	703	715	750	1	8	26	791	21	44	697	94
12				726	752	740	742	750	756	757	760	762	746	736	750	752	734	733	730	736	747	755	755	756	753	755	756	746	1	8	02	765	0	09	716	49
13				750	752	758	767	771	767	760	761	766	763	759	754	753	753	751	751	754	759	762	759	752	753	753	755	758	0	4	57	788	21	04	747	41
14				756	771	763	764	762	765	769	767	768	765	761	757	755	754	754	754	(760	765)	766	762	751	749	741	750	760	0	1	41	779	22	27	736	43
15				765	759	759	761	761	761	761	759	766	767	767	761	757	753	748	750	758	765	766	(766)	766	766	768	766	762	0	0	04	777	14	44	747	30
16				765	766	767	769	768	766	766	771	774	772	766	761	758	758	758	761	766	772	772	774	774	772	772	773	768	0	8	47	777	13	55	755	22
17				771	770	773	773	774	776	771	768	768	767	762	752	742	737	737	748	757	764	766	764	758	755	753	756	761	0	4	55	776	14	04	734	42
18				756	761	768	767	765	766	769	771	775	774	773	771	769	759	747	745	753	755	754	751	748	746	751	749	760	0	9	07	777	21	43	743	34
19				776	776	777	772	772	772	772	780	784	775	768	763	758	757	760	764	771	774	773	767	762	765	765	766	770	0	8	26	786	13	12	752	34
20				762	765	767	767	771	772	772	772	780	784	785	780	760	748	741	746	753	759	763	764	764	763	763	762	765	0	9	54	786	15	01	739	47
21				770	771	770	770	770	772	773	776	781	781	781	780	775	764	762	767	768	770	771	772	769	773	766	763	771	0	9	19	783	14	30	760	23
22				770	761	767	770	770	770	772	779	784	783	778	775	777	775	768	766	765	764	762	764	763	771	769	768	770	0	8	23	786	18	29	761	25
23				769	769	769	769	771	772	775	777	782	792	792	786	779	762	743	741	762	768	762	770	764	765	766	768	770	0	9	55	794	14	57	733	61
24				766	765	770	773	773	772	774	776	778	775	780	770	753	761	763	754	751	761	767	766	764	761	760	764	767	0	10	40	781	16	13	747	34
25				765	763	764	768	769	769	769	773	781	783	778	743	751	747	748	759	771	773	770	769	769	768	769	766	766	0	9	32	784	11	50	733	51
26				770	771	767	767	778	781	780	782	794	793	786	780	776	776	778	778	777	779	777	776	774	773	771	774	777	0	8	55	800	23	02	768	32
27				776	777	779	776	776	779	779	780	788	782	774	768	761	762	763	767	771	774	774	774	772	770	770	771	773	0	8	44	790	13	20	760	30
28				771	777	777	784	781	775	779	784	790	788	780	773	768	761	756	758	765	770	767	771	771	773	773	772	774	0	1	38	791	14	12	754	37
29				770	772	776	776	778	781	782	784	779	776	779	775	774	770	762	762	759	765	768	767	767	768	768	767	772	0	8	06	787	16	26	758	29
30				765	770	773	773	773	773	774	775	779	781	780	770	768	769	769	764	764	770	771	767	762	762	758	765	770	0	10	01	784	22	30	754	30
31				765	765	775	770	768	782	787	790	784	788	781	767	759	758	754	748	745	756	765	767	766	759	763	760	768	0	7	45	793	16	02	740	53
MEANS ALL DAYS				765	767	768	768	769	770	772	775	778	776	771	764	760	756	752	755	759	764	764	764	762	762	762	763	765								39
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 31

HORIZONTAL INTENSITY

JUNE 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JUNE 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				763	764	765	765	765	767	768	772	781	784	781	776	773	767	763	765	772	773	773	773	770	771	771	771	771	0	9	27	786	14	43	762	24
2				769	769	774	773	772	773	773	775	780	777	775	774	769	769	766	766	770	773	773	772	772	772	772	769	772	0	8	50	781	14	38	764	17
3				769	769	767	769	769	772	774	777	777	774	767	762	762	762	760	761	764	769	772	772	773	769	767	768	769	0	8	12	778	14	54	758	20
4				769	771	772	771	772	772	774	779	782	782	778	775	774	774	773	773	774	776	776	776	777	778	776	776	775	0	8	50	784	0	23	766	18
5				776	776	779	779	778	776	776	776	778	779	774	770	767	760	762	771	776	775	776	778	779	778	778	777	775	0	20	07	780	13	45	758	22
6				778	779	780	783	782	785	785	789	794	792	786	785	794	797	766	775	758	755	723	717	737	733	739	742	770	1	13	43	803	19	02	704	99
7				743	751	757	760	763	762	760	762	759	762	773	757	753	753	743	746	762	765	764	764	768	764	763	767	759	0	20	47	777	15	25	738	39
8				765	766	767	772	783	781	770	772	772	753	750	739	741	740	741	748	756	761	756	759	754	755	771	780	760	0	4	11	791	14	03	734	57
9				762	759	762	764	770	771	770	767	773	777	774	770	770	758	747	742	748	745	748	759	761	761	761	764	762	0	9	55	781	15	12	732	49
10				764	763	770	773	772	768	761	767	764	767	763	740	731	729	735	748	758	764	763	761	764	761	759	758	758	0	3	08	776	13	46	723	53
11				771	774	773	767	765	765	765	771	770	760	763	771	765	755	750	751	752	760	765	764	762	762	764	764	764	0	0	35	780	14	01	747	33
12				766	764	766	773	775	775	774	772	770	767	760	756	756	756	753	757	763	772	772	771	769	772	773	771	767	0	5	53	777	15	00	750	27
13				770	769	770	770	769	771	772	775	773	771	764	761	753	749	753	756	764	765	765	765	765	764	764	767	765	0	7	03	776	13	43	747	29
14				767	767	766	767	767	771	773	778	785	781	772	764	758	753	753	756	766	775	777	778	778	777	776	776	770	0	8	30	787	13	54	749	38
15				776	779	780	779	782	782	780	783	783	778	764	754	755	758	(756	760)	769	775	776	774	767	768	769	769	772	0	7	50	784	14	20	753	31
16				768	769	771	773	772	773	773	776	777	776	770	767	763	761	760	766	777	780	782	781	780	780	774	770	772	0	18	08	783	14	52	758	25
17				766	765	766	770	769	770	774	777	781	780	777	773	764	758	759	773	785	786	783	781	778	772	764	758	772	0	16	59	790	13	54	754	36
18				761	768	771	773	775	775	775	780	781	780	775	771	766	760	762	766	771	775	776	776	775	772	774	776	772	0	8	43	783	13	32	756	27
19				773	772	769	773	773	773	773	777	778	773	772	768	764	758	759	763	771	775	776	777	778	778	777	778	772	0	20	40	780	13	42	755	25
20				777	778	779	779	776	776	782	782	781	781	771	762	761	758	753	754	764	767	761	759	758	764	770	770	769	0	6	20	785	14	58	750	35
21				770	771	770	769	769	771	771	773	774	777	775	769	758	752	747	752	763	769	772	770	770	770	771	774	768	0	9	23	779	14	35	746	33
22				772	773	771	776	775	776	776	778	779	779	778	773	765	758	755	760	766	772	774	772	771	769	767	767	771	0	9	03	781	14	50	755	26
23				768	769	770	772	774	776	779	779	781	780	777	767	758	750	751	759	762	756	761	759	764	764	766	764	767	0	8	41	781	13	54	748	33
24				763	763	757	769	770	771	770	771	773	775	769	752	743	741	750	763	769	772	774	772	773	771	768	768	766	0	11	53	776	13	28	738	38
25				769	770	772	774	776	778	777	778	778	777	767	764	765	758	756	759	764	763	763	767	767	766	766	764	768	0	9	33	780	13	54	754	26
26				764	765	768	772	772	775	779	782	785	787	780	771	758	755	761	769	774	778	780	778	777	775	777	777	773	0	9	19	789	13	10	753	36
27				777	776	778	780	780	732	783	789	789	783	775	766	763	748	744	758	754	735	747	749	747	749	748	756	765	0	7	58	795	17	23	725	70
28				757	757	760	761	764	768	770	774	778	778	770	766	762	760	759	759	762	764	769	768	763	762	761	759	765	0	9	18	781	0	54	754	27
29				756	761	764	764	766	768	769	771	777	777	773	769	768	765	760	759	762	767	769	767	765	767	767	769	767	0	9	04	778	0	16	753	25
30				769	769	770	770	770	771	773	775	781	781	778	779	784	773	772	773	777	784	787	786	780	780	777	766	776	0	19	05	791	23	59	755	36
31																																				
MEANS ALL DAYS				767	768	770	771	772	773	773	776	778	776	772	766	762	758	756	760	766	768	768	768	768	767	768	768	768								35
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧖ = NO RECORD

TABLE 32

HORIZONTAL INTENSITY

JULY 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1945

DAY	✽	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				753	758	758	761	765	772	776	775	771	767	751	733	730	733	735	710	715	704	700	697	699	702	713	732	738	1	7	16	781	20	07	689	92
2				727	748	747	748	750	751	751	754	740	741	752	754	745	745	745	745	748	754	757	751	741	739	736	739	746	0	11	04	760	0	43	723	37
3				742	744	750	750	753	756	762	764	761	766	767	762	747	731	733	745	750	756	758	761	757	757	759	759	754	0	10	26	768	13	38	727	41
4				757	759	763	763	763	764	766	769	772	772	769	774	774	774	772	761	759	755	759	749	752	738	751	766	763	0	11	48	779	19	27	731	48
5				756	755	755	757	760	761	758	766	754	763	760	761	746	733	754	757	746	731	756	758	757	756	756	758	755	0	7	24	769	17	04	717	52
6				757	758	763	765	764	766	775	774	761	775	769	759	743	711	686	691	692	683	712	732	735	732	737	748	741	1	6	59	781	18	05	676	105
7				745	744	742	742	746	746	748	751	751	751	744	738	746	753	751	754	755	757	757	754	748	748	750	752	749	0	17	54	760	12	07	735	25
8				752	755	761	758	755	756	761	765	764	767	769	755	729	738	737	743	752	752	748	752	758	757	752	766	754	0	10	12	772	12	12	724	48
9				761	758	760	763	762	763	762	760	757	767	762	754	754	751	748	750	753	761	765	763	760	758	761	761	759	0	9	33	770	14	40	745	25
10				763	772	765	766	769	769	769	773	777	774	768	766	769	769	765	764	765	767	769	768	768	768	770	770	768	0	9	38	778	0	32	758	20
11				767	765	767	767	767	770	772	775	776	781	783	780	768	762	759	757	761	770	772	773	771	770	768	767	770	0	10	46	784	15	14	754	30
12				767	770	771	773	775	779	785	790	793	790	783	777	776	773	770	768	769	769	771	769	768	766	765	765	774	0	8	07	796	23	42	764	32
13				765	765	767	769	771	775	776	781	787	793	795	790	776	761	755	755	759	762	765	762	762	762	764	764	770	0	10	23	796	14	43	753	43
14				766	767	767	770	771	772	775	780	784	782	775	769	760	758	763	764	769	772	769	763	766	769	769	769	770	0	8	37	785	13	06	752	33
15				767	768	769	769	771	773	775	779	787	787	788	785	772	765	764	766	769	773	773	772	770	769	768	770	773	0	10	43	789	13	35	762	27
16				770	770	772	772	773	773	773	773	777	774	776	778	776	768	(764)	768	773	782	787	787	781	774	771	768	774	0	18	55	791	13	52	764	27
17				774	776	779	777	770	774	774	773	781	782	781	778	775	766	762	763	775	781	784	781	781	781	781	779	776	0	18	48	790	14	25	759	31
18				778	764	761	771	764	760	757	755	759	763	(762	758)	755	(746	746	749	750)	751	754	756	755	755	761	762	758	0	0	49	782	13	12	744	38
19				759	758	758	757	761	764	764	769	773	768	753	752	760	763	762	766	772	777	776	769	771	770	769	769	765	0	17	28	780	10	37	749	31
20				770	774	775	776	776	775	776	776	780	778	(770	764)	768	(765	762)	765	770	775	776	776	775	776	777	777	773	0	8	44	781	14	47	759	22
21				776	775	774	775	777	778	784	787	786	788	786	782	775	772	762	763	767	771	772	773	772	772	772	770	775	0	9	38	789	14	46	760	29
22				769	770	772	772	777	777	780	785	788	787	785	782	778	769	764	763	770	776	779	779	780	778	777	777	776	0	9	02	789	15	23	761	28
23				779	779	774	774	777	779	783	790	792	789	783	775	768	766	763	766	771	775	776	776	774	775	776	777	777	0	8	07	793	14	34	761	32
24				774	779	787	789	790	797	830	816	792	792	779	774	771	772	765	764	(765	768)	770	766	760	762	763	763	779	0	6	17	836	20	12	757	79
25				765	762	770	770	765	768	770	772	775	775	773	(773	766	762	763)	766	770	771	775	772	769	768	768	769	769	0	(2	53	778	13	10	760	18)
26				768	768	770	770	771	771	775	781	787	790	785	781	774	(764	764)	767	770	769	767	772	772	766	768	772	773	0	9	34	791	(13	59	759	32)
27				770	768	770	779	776	779	780	780	785	785	782	777	766	759	760	763	770	776	778	779	777	776	774	773	774	0	8	49	788	13	20	758	30
28				772	773	776	777	778	779	781	786	793	797	802	797	789	789	783	780	770	759	764	765	746	759	764	766	777	0	10	20	803	20	27	740	63
29				770	774	774	777	781	785	791	795	796	793	795	796	789	785	774	765	769	775	778	779	776	771	770	769	780	0	11	04	801	15	02	764	37
30				775	776	778	778	779	780	792	795	789	787	782	771	741	729	732	736	743	752	754	757	743	746	749	753	763	0	7	18	797	13	38	722	75
31				756	756	760	762	765	764	762	766	772	772	764	765	764	758	755	752	754	757	762	762	762	762	762	761	761	0	9	06	775	1	18	748	27
MEANS ALL DAYS				764	765	766	768	768	770	774	776	776	777	774	770	763	758	755	756	759	761	764	764	761	761	762	764	766								41
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧖ = NO RECORD

TABLE 33

HORIZONTAL INTENSITY

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1945 AUGUST 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				764	765	767	767	768	770	773	777	780	778	774	770	765	760	752	753	763	770	773	769	767	768	768	768	768	0	8	56	781	14	23	750	31
2				768	769	775	781	786	784	789	795	772	760	760	733	733	742	738	737	741	749	753	754	762	756	756	759	760	1	7	17	799	11	59	714	85
3				757	759	771	767	764	765	763	769	775	777	768	762	759	759	759	762	765	770	770	768	766	767	768	767	766	0	9	18	780	1	08	753	27
4				768	766	766	766	769	768	771	773	774	771	768	762	760	756	752	750	758	764	768	768	768	767	767	766	765	0	8	30	776	15	28	749	27
5				767	772	770	770	771	773	774	776	777	778	780	779	772	756	759	765	770	771	774	772	773	772	770	765	771	0	10	23	781	13	41	752	29
6				769	770	769	768	767	768	771	776	782	785	774	756	756	761	761	763	758	761	769	766	763	760	760	760	766	0	9	41	787	12	23	752	35
7				766	769	771	771	772	772	773	778	780	780	779	777	774	771	772	772	766	763	762	769	770	771	768	771	772	0	9	45	781	18	24	759	22
8				766	766	766	771	774	779	780	780	779	781	777	769	761	762	771	773	773	776	779	780	777	777	778	773	774	0	9	35	784	12	59	758	26
9				769	779	766	763	768	769	776	781	782	778	773	771	770	766	763	763	763	767	772	773	773	773	775	771	771	0	1	27	785	15	22	761	24
10				772	774	776	777	777	779	782	786	791	790	787	780	771	767	764	764	772	776	779	780	779	778	775	776	777	0	9	07	792	15	16	761	31
11				777	778	777	777	777	781	785	790	785	783	785	782	776	766	760	760	761	774	779	780	779	779	777	776	777	0	7	51	791	14	24	758	33
12				775	777	779	781	782	783	783	790	785	784	777	769	768	769	769	769	768	766	766	766	766	766	766	767	774	0	7	14	791	22	35	763	28
13				766	770	772	775	776	777	779	785	785	785	781	773	776	776	767	758	747	739	745	744	742	758	741	747	765	0	7	36	787	18	33	735	52
14				754	760	761	763	764	764	760	766	772	775	770	764	749	745	745	742	740	737	746	743	738	731	729	732	752	0	9	30	777	22	37	726	51
15				742	749	770	766	762	764	767	770	770	772	773	769	762	751	748	748	748	754	753	764	762	764	765	762	761	0	2	50	788	0	00	735	53
16				759	759	762	764	766	767	766	775	773	778	770	757	744	737	738	744	755	764	767	766	765	767	764	763	761	0	9	10	783	14	23	734	49
17				768	768	770	771	772	774	776	779	782	779	773	768	765	760	758	763	770	772	767	771	771	769	767	767	770	0	8	29	784	14	48	755	29
18				766	772	773	773	774	774	775	775	775	775	773	775	766	759	759	767	772	777	779	779	775	775	776	776	772	0	18	33	780	14	07	755	25
19				776	774	778	778	777	779	780	782	782	779	775	771	771	774	768	762	766	773	777	777	775	773	774	775	775	0	2	39	785	15	32	761	24
20				778	779	780	782	783	784	786	787	789	791	789	782	773	761	760	767	774	779	781	780	781	781	781	782	780	0	9	42	792	14	03	758	34
21				782	783	784	785	787	789	791	795	795	793	791	(791	783)	782	775	769	772	779	789	781	773	765	771	773	782	0	8	01	798	21	52	755	43
22				772	774	772	774	776	779	781	784	785	784	781	776	769	760	763	771	777	786	787	787	786	784	780	776	778	0	18	48	789	13	58	755	34
23				761	748	749	750	758	766	774	785	774	751	752	744	746	749	744	746	750	745	743	750	749	748	751	755	754	0	8	03	792	1	30	736	56
24				759	759	762	765	765	767	770	774	773	773	770	762	760	754	750	755	761	767	770	770	769	768	767	769	765	0	7	34	775	14	03	749	26
25				771	772	772	774	775	777	780	782	785	787	790	788	782	769	759	759	772	777	777	774	771	768	766	766	775	0	10	30	791	15	06	753	38
26				769	773	773	773	774	779	782	771	784	784	784	784	779	773	763	762	771	775	775	775	772	772	772	775	775	0	7	45	785	15	22	760	25
27				776	778	780	785	768	789	791	791	791	793	791	765	778	778	775	777	778	783	784	785	786	786	783	779	784	0	9	04	794	14	21	771	23
28				772	774	777	777	793	796	803	806	806	786	714	694	731	748	738	720	720	725	732	730	732	729	742	742	754	1	7	52	809	11	30	675	134
29				743	744	744	745	759	762	765	766	767	766	760	759	756	752	746	743	756	757	761	761	759	756	753	757	756	0	9	07	769	15	16	738	31
30				764	761	762	763	765	766	768	773	776	776	774	773	766	758	753	753	754	760	765	767	769	768	769	769	766	0	9	25	777	15	17	751	26
31				769	774	774	774	777	777	779	782	784	781	779	776	771	761	758	759	763	768	773	775	775	775	775	776	773	0	8	00	785	15	20	757	28
MEANS ALL DAYS				767	768	770	771	773	775	777	781	781	779	774	768	764	761	758	758	761	765	768	769	768	767	766	766	769								38
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

SEPTEMBER 1945

TABLE 34

HORIZONTAL INTENSITY

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				776	777	777	781	780	781	782	788	789	790	791	790	780	773	770	770	772	776	779	778	778	778	778	779	780	0	11	27	792	14	45	769	23
2				778	780	780	782	786	788	789	793	793	800	799	795	786	775	764	756	759	773	776	773	771	769	766	767	779	0	9	59	804	15	54	749	55
3				768	769	771	774	776	777	779	782	781	784	783	785	779	771	768	771	774	777	778	777	778	778	777	780	777	0	11	31	787	14	02	766	21
4				780	781	781	785	785	787	788	795	795	792	782	778	782	782	774	737	720	736	743	733	753	755	758	759	769	1	9	02	798	16	29	716	82
5				760	772	777	770	775	774	773	779	777	775	769	766	763	756	755	760	768	769	772	771	769	767	766	773	769	0	23	37	783	14	03	751	32
6				772	771	774	771	774	775	774	779	782	777	766	753	748	740	742	750	755	764	772	774	773	774	769	769	767	0	8	21	782	13	48	735	47
7				769	771	774	774	777	779	781	785	788	788	781	776	769	766	760	756	768	777	781	777	774	781	777	774	775	0	9	01	791	14	50	753	38
8				778	772	773	775	777	781	785	786	784	783	783	779	772	767	766	768	774	780	784	783	782	782	781	781	778	0	7	43	787	14	52	765	22
9				782	783	782	784	789	798	792	792	799	798	797	789	782	773	759	762	772	779	783	782	779	779	778	777	783	0	8	51	803	15	02	755	48
10				780	782	782	785	787	788	789	791	795	796	798	791	784	785	783	780	779	780	785	787	785	784	784	785	786	0	10	26	799	16	51	777	22
11				782	783	784	785	788	791	796	801	800	796	790	788	784	774	774	775	777	780	782	779	774	775	780	782	784	0	8	14	802	21	05	770	32
12				782	785	794	774	765	776	786	793	783	753	750	748	744	752	754	758	763	767	761	765	764	774	772	769	768	0	2	42	801	12	00	732	69
13				768	771	776	773	775	777	779	780	779	777	769	763	755	752	757	764	770	773	776	776	779	771	769	771	771	0	20	13	782	13	39	749	33
14				772	778	786	793	776	779	781	778	772	767	758	748	740	746	754	764	773	778	780	779	779	777	777	777	771	0	3	11	800	12	35	738	62
15				777	779	780	782	784	784	784	781	771	766	762	764	769	771	772	772	770	773	777	780	782	783	782	781	776	0	4	17	785	10	30	755	30
16				780	780	782	732	784	785	787	785	781	782	782	781	778	774	771	774	777	781	787	792	791	787	788	788	782	0	20	19	794	14	03	769	25
17				785	782	737	786	785	785	785	785	769	766	769	762	763	750	760	761	750	722	714	720	734	752	735	743	760	1	0	23	791	18	44	701	90
18				742	744	742	752	750	750	750	755	761	764	758	769	777	769	773	758	(744	753)	754	756	755	750	752	776	756	1	23	20	793	2	02	729	64
19				725	750	736	737	745	759	750	742	733	735	753	756	756	754	750	753	746	749	754	751	755	754	755	759	748	0	1	19	769	0	57	706	63
20				755	758	757	762	762	762	762	766	765	761	755	749	741	744	752	755	755	757	760	762	763	765	766	768	758	0	23	06	772	12	17	736	36
21				768	770	770	772	775	778	779	780	778	775	772	769	763	760	764	767	778	778	780	776	769	772	776	762	772	0	18	26	781	23	57	751	30
22				756	764	764	770	771	778	778	772	770	763	762	753	754	757	763	765	768	771	772	771	771	772	770	769	767	0	6	03	782	11	50	749	33
23				769	771	776	777	778	779	779	777	771	764	758	755	757	764	774	777	779	779	780	779	779	778	778	777	773	0	18	34	780	11	37	754	26
24				778	779	780	782	784	785	784	786	787	780	773	773	770	773	780	785	787	787	787	787	786	784	783	781	782	0	17	07	789	12	32	769	20
25				781	787	787	787	792	794	795	791	787	781	775	777	782	790	797	800	810	811	799	790	789	789	781	776	790	0	16	54	818	10	31	773	45
26				776	778	788	788	785	785	783	780	779	777	773	772	769	769	773	776	776	778	778	782	782	779	779	779	778	0	2	45	792	13	17	767	25
27				775	782	791	789	791	793	799	808	809	806	801	787	777	782	785	787	782	782	772	745	741	762	770	770	783	0	9	07	811	20	31	736	75
28				771	774	777	780	782	783	784	787	789	782	771	756	749	756	766	770	772	774	769	772	773	773	773	776	773	0	7	56	790	12	08	745	45
29				778	778	781	779	779	780	782	789	794	796	792	788	784	782	778	775	778	781	781	782	785	785	784	781	783	0	9	17	797	15	05	770	27
30				781	786	789	782	783	785	784	787	783	767	765	774	778	781	778	764	760	781	775	762	770	769	786	780	777	0	7	35	788	16	21	754	34
31																																				
MEANS ALL DAYS				771	775	777	777	778	781	781	783	781	778	775	771	768	766	767	767	769	772	773	771	772	773	773	774	774								42
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 35

HORIZONTAL INTENSITY

OCTOBER 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				779	783	794	777	777	776	775	771	763	754	760	767	770	769	771	773	775	773	770	772	773	773	773	773	773	0	2	38	798	9	47	752	46
2				773	781	780	776	781	785	782	780	773	767	765	763	767	773	776	776	778	775	771	775	778	776	783	778	776	0	4	51	789	11	23	762	27
3				775	775	778	779	778	780	778	773	767	762	762	764	762	767	770	775	783	783	783	783	780	779	778	778	775	0	18	22	786	12	28	761	25
4				786	783	783	783	785	784	783	778	773	765	762	763	766	768	771	778	782	785	786	786	786	786	786	786	779	0	0	25	789	11	45	760	29
5				786	788	787	789	791	790	791	787	781	770	760	752	754	757	754	757	766	769	761	758	761	759	755	767	770	0	4	07	794	11	37	749	45
6				770	763	767	767	767	777	780	784	784	782	774	765	761	762	763	766	771	774	776	776	776	776	777	779	772	0	7	40	787	12	58	760	27
7				775	776	777	780	785	783	780	779	776	767	757	749	747	754	762	773	781	783	781	781	784	784	784	783	774	0	4	43	788	12	17	744	44
8				783	785	784	791	784	780	778	781	773	763	753	750	745	745	749	753	764	773	774	767	751	753	778	759	767	0	3	40	808	13	39	742	66
9				760	766	772	776	776	775	777	777	780	780	780	777	767	758	764	761	759	757	756	764	767	767	767	764	769	0	10	18	783	15	39	754	29
10				775	773	773	774	776	778	781	780	777	776	779	780	774	768	768	773	777	781	784	780	776	776	777	776	776	0	18	41	784	13	58	765	19
11				780	779	780	780	782	785	788	788	783	778	776	773	767	767	770	776	782	785	787	787	787	787	786	785	781	0	6	46	790	12	58	765	25
12				786	787	787	789	790	793	798	799	794	785	776	771	776	776	784	792	803	806	799	759	743	765	746	742	781	1	18	17	819	22	50	729	90
13				742	750	760	746	742	752	751	744	753	753	743	742	740	737	740	740	741	755	755	758	756	760	762	762	749	0	2	07	765	16	23	725	40
14				760	760	763	765	766	762	762	761	760	756	752	747	743	745	747	752	758	763	768	768	766	766	764	771	759	0	23	59	774	12	35	742	32
15				785	777	772	771	778	775	772	774	768	765	764	762	755	751	755	759	762	765	767	775	773	778	778	770	769	0	0	45	793	12	55	749	44
16				766	762	767	773	773	775	774	776	776	774	774	772	771	766	766	770	766	763	761	766	773	758	740	745	767	0	20	15	779	22	13	735	44
17				750	760	771	769	771	772	773	771	767	771	776	777	774	771	(764	759)	762	759	758	760	760	762	763	768	766	0	10	53	778	0	01	748	30
18				771	766	768	775	775	771	771	765	765	769	772	766	764	762	761	774	774	774	773	766	766	772	766	770	769	0	4	02	781	14	22	754	27
19				773	773	773	773	772	776	777	776	774	777	777	778	777	773	767	767	773	778	778	772	759	766	768	773	773	0	17	50	780	20	40	754	26
20				778	774	775	778	780	790	791	785	772	779	778	766	768	761	759	761	765	769	773	774	777	779	779	779	775	0	5	59	799	14	33	756	43
21				780	781	783	787	785	791	791	785	783	777	775	775	776	776	777	781	782	779	780	780	782	782	780	780	781	0	5	14	796	13	59	774	22
22				786	783	784	787	786	787	787	787	785	775	765	760	769	780	784	784	784	784	785	776	774	768	753	752	778	0	0	16	790	23	19	747	43
23				764	768	776	775	777	779	778	776	776	771	761	752	749	754	766	773	776	777	783	786	787	788	787	786	774	0	20	53	791	12	03	747	44
24				786	791	785	765	786	787	787	790	792	785	765	740	756	763	765	764	753	754	756	717	698	746	763	754	765	1	1	03	801	20	25	683	118
25				765	780	775	764	754	756	764	749	724	709	716	741	749	755	754	748	739	714	714	704	695	711	732	737	740	1	1	23	820	20	42	684	136
26				751	763	760	766	758	764	769	768	767	760	753	759	761	763	763	761	759	760	763	763	764	764	766	767	762	0	1	10	786	0	19	735	51
27				769	768	768	768	769	771	773	770	762	759	760	761	759	761	764	769	776	776	773	774	774	776	790	776	769	0	22	36	796	12	46	756	40
28				765	768	768	766	768	762	777	772	752	741	748	735	737	739	739	739	739	746	744	739	749	747	754	750	752	1	6	43	788	11	53	722	66
29				755	773	767	766	768	768	765	766	764	763	754	753	756	759	762	764	763	762	760	763	765	764	769	767	763	0	1	43	788	10	33	744	44
30				768	776	773	771	768	775	779	779	778	770	760	761	762	765	767	765	765	766	768	765	765	786	768	769	770	0	21	13	798	10	46	759	39
31				774	774	774	771	773	775	773	771	766	765	769	773	776	773	772	772	775	775	776	779	782	781	781	781	774	0	20	58	784	9	04	762	22
MEANS ALL DAYS				771	774	775	775	775	777	778	776	771	767	763	761	761	762	764	766	769	770	770	767	765	769	769	769	769								45
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
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[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
[ ] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 36

HORIZONTAL INTENSITY

NOVEMBER 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1945

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				780	781	786	786	786	783	786	786	783	779	780	779	773	768	771	773	774	776	779	779	779	781	782	782	780	0	6	28	789	13	23	769	20
2				782	784	785	784	783	784	782	778	771	769	771	772	766	762	763	771	779	782	783	783	780	780	781	780	777	0	1	54	785	13	51	760	25
3				779	780	781	782	783	786	789	794	803	805	805	797	786	776	765	775	786	788	787	787	786	784	786	789	787	0	10	48	807	14	29	765	42
4				788	789	789	791	789	791	789	791	795	799	803	801	797	792	792	793	797	799	800	798	796	803	794	786	794	0	21	09	815	23	30	784	31
5				792	797	801	797	794	801	793	787	784	777	769	771	766	766	764	761	770	775	770	763	765	770	767	767	778	0	5	30	803	19	22	760	43
6				773	775	779	781	780	785	786	783	784	783	779	779	780	779	780	781	782	784	784	784	784	784	784	781	781	0	6	10	789	0	01	768	21
7				784	785	786	787	787	789	792	793	790	784	782	782	783	782	782	782	787	790	792	792	791	791	793	793	787	0	23	09	798	12	53	780	18
8				799	800	803	802	798	801	805	807	808	802	795	796	802	800	800	801	803	806	808	814	816	811	808	795	803	0	20	48	820	23	46	783	37
9				789	788	783	773	775	789	787	794	795	791	772	773	780	775	735	718	734	729	717	714	739	753	757	750	763	1	7	24	798	17	47	702	96
10				759	760	753	764	760	759	760	755	761	760	750	746	757	759	755	756	759	759	758	763	769	773	770	772	760	1	22	06	776	10	59	740	36
11				774	774	772	772	771	774	776	776	770	764	755	750	746	745	752	750	760	757	752	762	772	750	764	762	762	0	20	06	787	13	43	742	45
12				758	764	769	774	771	776	780	776	770	768	772	771	773	761	767	773	773	766	771	774	773	773	773	780	771	0	23	53	791	17	51	755	36
13				780	776	778	786	787	782	784	783	786	783	788	783	772	762	767	767	773	775	774	772	769	773	780	772	777	0	3	42	796	13	44	758	38
14				772	768	772	772	771	773	776	777	781	783	781	779	776	768	770	771	775	777	768	761	764	763	765	767	772	0	9	06	784	19	00	760	24
15				770	772	770	772	777	780	784	783	779	778	778	777	774	772	(771	780)	784	784	781	780	790	792	794	797	780	0	23	50	801	14	10	770	31
16				797	793	793	783	784	792	799	797	791	786	789	792	793	794	793	786	779	781	784	772	770	776	778	780	787	0	0	37	802	20	50	763	39
17				782	793	789	786	783	783	769	776	775	777	771	764	758	758	766	772	776	769	769	777	792	780	780	784	776	0	20	13	801	13	22	754	47
18				784	784	784	787	789	790	792	792	784	777	774	769	773	779	788	791	789	788	786	784	785	785	790	789	785	0	22	18	795	11	32	767	28
19				789	790	790	791	795	794	795	795	791	789	786	784	782	781	782	786	790	790	792	792	790	784	785	788	789	0	4	17	797	13	46	779	18
20				790	792	794	792	791	794	799	793	787	769	774	776	777	775	775	780	783	785	785	786	783	785	787	788	785	0	6	22	801	13	10	772	29
21				789	788	788	789	791	796	799	807	807	802	797	797	798	795	793	794	794	792	797	800	801	803	803	800	797	0	7	43	808	2	05	787	21
22				799	802	806	805	805	804	807	809	811	803	790	798	806	802	795	793	796	795	791	790	789	789	789	790	798	0	8	44	812	10	37	783	29
23				792	792	793	793	794	799	805	808	800	791	784	785	788	788	789	794	796	795	796	796	795	793	792	796	794	0	7	32	810	11	00	781	29
24				800	802	799	795	793	797	802	803	799	799	801	796	790	785	787	790	790	789	788	791	790	787	786	786	794	0	1	48	806	13	18	785	21
25				786	787	788	789	788	788	791	798	805	811	813	808	800	796	795	792	793	792	793	795	797	797	793	791	795	0	10	15	814	0	02	784	30
26				790	791	795	793	796	795	796	801	803	801	803	798	792	786	788	790	792	792	792	791	793	792	792	792	794	0	8	10	805	13	44	783	22
27				791	792	792	792	794	794	801	805	807	808	810	813	807	799	799	799	802	802	800	800	802	800	801	802	800	0	11	12	815	0	39	789	26
28				802	801	801	801	804	811	817	815	805	806	804	803	800	800	802	803	813	813	810	809	808	807	807	806	806	0	6	45	819	15	16	798	21
29				804	803	804	806	806	797	794	806	810	822	822	825	818	803	799	787	785	775	775	776	781	782	789	789	798	0	11	11	829	17	55	770	59
30				790	789	797	794	801	792	791	785	783	791	801	799	791	786	781	779	781	783	785	786	787	788	789	793	789	0	4	23	806	15	45	778	28
31																																				
MEANS ALL DAYS				785	786	787	787	788	789	791	792	791	789	787	785	783	780	779	780	783	783	782	782	785	784	785	785	785								33
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 37

HORIZONTAL INTENSITY

DECEMBER 1945

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DECEMBER 1945

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				787	789	790	790	791	793	791	789	790	790	793	793	793	791	790	791	793	795	797	797	796	796	793	795	792	0	19	03	799	9	21	787	12
2				795	796	796	797	797	800	802	801	797	792	790	791	798	803	803	802	806	807	809	808	806	804	803	800	800	0	18	39	809	10	45	788	21
3				798	798	798	798	798	798	794	797	797	799	799	799	802	802	799	796	794	793	794	793	792	790	790	791	796	0	12	16	804	22	30	789	15
4				792	793	797	795	794	797	799	798	794	795	797	799	803	799	794	794	793	794	795	797	800	800	798	799	796	0	12	16	803	16	33	791	12
5				799	800	801	803	804	806	807	805	802	806	807	806	804	801	796	795	799	797	800	799	798	801	802	805	802	0	6	40	808	15	04	792	16
6				810	815	819	816	814	811	802	798	791	797	799	810	816	810	805	799	795	791	793	794	784	769	782	782	800	0	3	03	826	21	30	764	62
7				777	777	776	780	782	789	789	764	784	787	793	807	815	802	793	787	788	794	794	794	795	795	794	791	790	0	12	08	820	2	28	774	46
8				788	790	791	796	800	802	801	800	804	788	788	793	794	776	778	778	781	782	781	778	784	801	808	791	791	0	22	03	821	14	59	767	54
9				786	787	791	787	786	786	786	784	779	776	781	790	795	799	800	792	781	782	779	779	787	792	783	806	787	0	23	45	810	10	10	774	36
10				792	784	785	786	788	790	792	791	794	798	794	794	803	804	807	805	796	792	791	791	788	791	794	791	793	0	14	38	812	1	30	783	29
11				793	793	791	793	796	800	799	797	795	792	790	789	787	792	794	792	787	788	787	789	789	787	786	786	791	0	5	57	802	18	45	784	18
12				791	789	788	790	790	791	794	794	792	793	800	804	802	801	797	797	798	793	790	788	789	792	793	793	794	0	11	40	805	20	40	786	19
13				791	795	796	794	796	796	799	797	794	794	791	788	791	792	792	791	795	797	800	800	813	812	808	815	797	1	20	44	839	11	00	786	53
14				817	815	831	807	776	782	752	758	748	749	751	746	732	716	706	689	674	663	671	666	653	683	677	708	732	2	2	28	842	17	42	636	206
15				715	716	723	730	732	736	741	742	743	748	747	746	750	750	744	742	739	744	751	753	760	759	759	761	743	0	23	44	767	0	17	711	56
16				767	762	761	759	760	761	766	763	758	753	751	750	748	750	754	756	760	764	767	(769	768)	771	771	775	761	0	23	51	777	12	33	746	31
17				775	776	779	792	808	804	800	797	758	747	761	766	766	764	768	770	770	769	761	765	759	758	753	753	772	1	3	47	821	9	08	740	81
18				757	762	762	762	765	765	766	766	765	767	773	776	777	775	776	778	780	781	780	778	779	780	783	779	772	0	21	50	788	0	01	752	36
19				778	776	775	777	774	779	778	776	774	773	770	768	769	776	783	784	778	770	770	776	776	777	778	780	776	0	23	58	790	11	54	762	28
20				784	782	806	811	817	818	804	820	811	817	808	791	784	772	789	788	778	773	769	765	768	768	760	763	789	1	7	43	837	22	51	758	79
21				768	766	767	781	789	786	786	767	755	753	739	738	749	763	760	754	748	743	748	751	757	758	766	770	761	1	4	07	798	10	58	720	78
22				774	774	777	778	780	780	778	775	776	776	778	781	782	786	784	781	781	781	780	781	783	784	783	783	780	0	13	14	786	0	05	772	14
23				784	784	785	786	788	793	794	789	779	780	779	780	781	789	797	797	797	796	796	797	797	796	796	798	790	0	14	56	801	9	03	777	24
24				812	812	808	807	813	809	803	791	808	801	791	777	774	778	781	780	785	797	790	787	777	780	775	801	793	1	0	57	831	20	14	761	70
25				793	788	786	786	788	789	792	792	791	797	801	801	799	798	794	794	802	798	791	779	803	815	790	791	794	1	21	12	843	19	38	763	80
26				817	798	784	774	773	774	776	777	770	771	769	785	787	769	769	775	770	766	777	769	774	772	777	786	777	1	0	20	822	20	09	753	69
27				784	782	786	785	782	782	781	780	777	781	781	784	789	780	792	794	791	787	789	781	780	777	787	782	784	1	21	59	816	21	29	768	48
28				787	790	810	804	781	782	777	769	768	765	763	769	769	770	774	781	784	783	778	775	776	801	797	784	781	1	2	43	816	11	05	756	60
29				774	777	782	787	787	782	780	787	787	787	786	779	770	789	789	787	783	783	787	785	784	783	782	782	783	0	13	43	794	12	25	764	30
30				790	787	785	785	786	786	780	780	778	784	789	795	806	809	803	801	799	795	790	784	783	790	787	785	790	0	13	22	812	8	19	777	35
31				786	788	788	785	785	788	783	778	775	781	791	790	790	795	796	795	790	785	783	781	788	791	801	794	788	0	22	03	807	8	27	775	32
MEANS ALL DAYS				786	785	788	788	788	789	787	785	782	782	782	783	785	784	784	783	781	780	780	779	780	783	782	785	784								47
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
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- △ = RECORD OFF SHEET
- ☐ = CLOCK STOPPED
- ⊼ = NO RECORD

TABLE 38

VERTICAL INTENSITY

JANUARY 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				736	733	731	730	730	736	744	754	752	738	710	689	680	687	700	708	715	729	751	746	733	736	740	736	727	0	7	35	760	12	20	679	81
2				734	732	729	729	719	734	743	751	752	737	712	687	685	690	702	717	725	727	730	732	736	738	743	739	726	0	8	18	756	12	00	681	75
3				742	735	731	730	731	736	741	745	746	741	718	696	688	690	701	718	722	725	734	733	735	738	738	732	727	0	8	11	753	12	52	686	67
4				736	734	726	722	728	731	735	739	747	740	726	707	691	690	698	705	712	716	723	730	731	735	734	738	724	0	8	50	747	12	45	687	60
5				740	741	743	731	727	717	723	732	744	745	740	723	703	695	702	710	718	727	731	731	735	736	739	738	728	0	9	31	748	13	23	694	54
6				735	735	732	726	728	728	728	734	750	748	733	716	701	697	701	705	712	719	736	738	737	734	736	735	727	0	9	00	754	13	54	694	60
7				735	734	733	733	730	733	731	730	734	734	730	721	714	717	716	718	719	718	724	728	729	731	731	732	727	0	9	09	738	13	11	713	25
8				734	731	732	732	732	730	731	734	731	717	710	709	705	705	710	717	719	718	723	727	731	731	734	732	724	0	22	33	742	12	55	702	40
9				733	732	733	734	731	734	737	735	727	718	713	715	717	721	725	731	731	725	724	722	724	726	727	734	727	0	23	40	742	10	49	713	29
10				735	735	732	734	734	738	739	737	714	696	681	695	710	715	728	752	756	760	756	753	751	746	738	739	732	1	20	07	774	9	49	673	101
11				730	732	733	738	741	744	746	744	732	721	715	711	708	712	718	727	733	732	730	730	731	731	731	728	729	0	7	15	747	12	07	708	39
12				731	732	734	734	735	737	743	742	727	705	692	700	709	720	729	734	734	731	730	731	735	736	741	741	728	0	7	34	747	10	40	691	56
13				738	736	736	735	733	739	748	749	732	714	706	702	696	700	703	710	719	730	732	730	733	733	733	732	726	0	7	02	753	12	50	694	59
14				731	730	730	730	730	734	740	742	733	720	710	706	704	709	717	726	733	733	734	735	729	728	728	727	727	0	7	10	744	12	07	703	41
15				727	724	724	723	726	730	735	740	735	719	697	683	682	683	694	712	733	744	751	764	753	742	752	758	726	1	23	20	782	11	56	676	106
16				733	714	724	709	708	714	724	735	742	731	717	713	719	725	735	739	738	739	738	733	732	732	735	734	728	0	0	03	767	0	42	696	71
17				729	728	728	727	726	726	732	735	740	735	714	696	693	702	715	725	730	735	745	733	729	729	733	735	726	0	18	45	756	12	05	692	64
18				729	722	723	713	721	729	736	741	741	734	723	719	719	715	713	715	723	728	729	728	730	731	734	734	726	0	8	00	744	14	36	712	32
19				733	732	730	728	727	720	725	735	734	731	724	717	712	709	709	714	718	723	726	730	731	729	730	730	725	0	7	14	737	13	34	704	33
20				737	733	730	718	723	730	730	733	736	732	731	731	723	716	718	723	730	734	736	740	732	733	732	731	730	0	0	25	747	13	28	712	35
21				730	730	731	730	727	728	730	732	736	731	728	720	713	709	711	714	716	721	727	725	728	731	732	733	726	0	8	22	740	13	25	706	34
22				732	729	729	729	728	725	726	721	724	722	717	719	716	715	722	726	727	728	726	726	726	727	726	728	725	0	0	08	736	13	10	714	22
23				729	730	729	727	729	731	734	734	728	720	713	714	704	698	705	717	727	727	725	724	727	725	725	726	723	0	7	13	737	13	10	697	40
24				726	727	726	726	727	735	741	739	729	723	715	710	707	707	709	717	724	726	724	725	725	726	728	726	724	0	6	31	742	13	25	706	36
25				725	726	727	728	730	734	740	736	722	707	690	691	696	701	707	715	723	727	728	725	726	725	725	725	720	0	6	50	743	10	49	688	55
26				725	725	724	725	727	732	736	740	736	728	718	711	707	702	703	713	721	721	719	718	719	723	732	738	723	0	7	59	742	13	45	701	41
27				731	738	735	735	743	739	743	742	730	713	692	679	682	689	703	713	721	727	728	726	729	735	730	730	722	0	6	55	746	11	40	676	70
28				728	726	723	726	727	730	736	738	732	722	701	691	689	690	699	708	722	724	723	723	725	728	730	729	720	0	7	51	740	12	55	687	53
29				727	729	722	725	734	730	737	736	713	711	712	714	701	709	710	713	734	739	744	743	741	742	738	741	727	1	22	55	753	12	34	681	72
30				739	720	727	706	723	723	739	739	732	726	717	706	694	690	692	708	725	735	736	737	746	748	741	735	724	0	20	32	750	3	37	683	67
31				731	728	728	728	729	734	735	739	742	739	728	720	706	684	680	695	716	727	731	734	734	734	735	735	725	0	8	04	746	14	10	677	69
MEANS ALL DAYS				732	730	730	727	729	731	736	738	735	726	714	707	702	703	709	718	725	729	732	732	732	733	734	734	726								54
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 39

VERTICAL INTENSITY

FEBRUARY 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1945

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHAR-ACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				731	730	728	727	727	728	732	737	737	740	742	741	732	718	713	712	713	721	729	730	732	734	736	735	729	0	10	15	744	15	50	711	33
2				734	733	731	729	726	727	728	732	740	741	736	724	703	685	687	696	712	725	733	741	751	752	754	750	728	0	22	28	762	13	46	681	81
3				742	734	731	721	724	729	733	734	730	730	727	721	715	705	702	704	712	719	725	729	730	734	738	739	725	0	0	12	750	14	44	700	50
4				736	735	732	728	727	728	731	734	734	734	723	710	705	703	704	709	716	721	724	726	726	727	729	730	724	0	0	20	739	13	20	702	37
5				731	732	733	730	730	729	729	727	727	724	728	728	720	707	705	709	717	739	741	736	733	739	743	739	728	1	22	13	747	13	41	702	45
6				737	735	735	736	736	734	735	737	733	733	734	725	717	714	712	720	727	734	738	741	735	734	734	736	731	0	19	00	746	14	00	711	35
7				737	737	735	733	732	733	736	737	733	725	712	708	704	703	702	710	719	730	732	730	731	731	732	734	726	0	6	56	743	14	13	701	42
8				736	736	728	729	733	734	738	737	730	721	710	704	706	712	713	717	732	741	742	743	740	742	733	732	729	0	21	49	749	11	49	703	46
9				728	725	732	731	732	736	741	745	731	723	708	698	699	704	717	723	731	744	740	739	744	733	729	729	728	0	17	34	755	11	33	696	59
10				731	730	730	726	732	736	740	740	733	725	711	699	696	699	703	714	725	744	739	731	731	731	731	729	725	0	17	40	752	12	00	693	59
11				730	730	730	730	730	733	737	742	738	726	712	704	704	705	711	719	727	734	735	735	733	734	735	735	727	0	7	50	745	11	30	703	42
12				735	728	724	724	727	728	736	742	737	725	710	700	699	703	714	727	735	739	738	736	735	735	735	733	727	0	7	27	745	12	05	697	48
13				730	726	729	729	729	733	740	748	752	748	729	707	696	697	703	715	722	730	734	731	734	738	737	731	728	0	8	16	755	12	07	693	62
14				727	727	725	725	727	728	734	740	746	745	728	705	691	680	682	700	714	724	725	725	729	732	731	731	722	0	8	57	747	13	57	676	71
15				726	725	721	724	724	721	728	739	744	744	732	711	702	695	(691	705)	716	729	744	760	755	741	739	740	727	1	20	00	803	13	52	686	117
16				736	732	724	721	722	720	728	729	733	727	721	712	705	705	708	719	724	729	735	735	732	739	751	744	726	1	22	25	762	13	44	703	59
17				736	732	718	722	719	718	721	726	728	725	718	710	704	701	698	707	719	730	735	734	731	733	732	734	722	0	19	00	746	2	07	695	51
18				731	732	728	720	714	724	727	731	734	731	731	726	723	720	716	718	722	727	730	729	730	734	739	734	727	0	22	37	748	4	00	694	54
19				730	729	727	726	726	725	726	725	729	732	726	722	719	719	718	719	719	722	726	728	727	731	732	730	726	0	9	47	736	14	50	715	21
20				729	729	728	728	728	728	728	732	734	728	721	706	700	698	698	705	714	724	727	728	729	730	731	735	722	0	23	54	741	13	50	694	47
21				731	731	730	730	731	731	735	735	730	727	720	711	704	704	705	708	712	719	725	727	726	726	729	730	723	0	7	06	737	13	03	703	34
22				730	730	730	730	729	730	734	730	727	726	727	723	722	717	711	710	714	717	717	721	728	732	732	733	725	0	6	37	735	14	40	708	27
23				732	730	726	725	727	729	726	724	720	717	713	713	713	716	717	721	723	724	720	721	724	733	735	732	723	0	22	50	746	11	09	710	36
24				730	727	727	728	728	730	732	735	731	728	720	710	702	695	696	704	714	724	725	727	728	730	730	731	722	0	7	30	742	13	35	694	48
25				731	731	730	732	727	729	733	739	738	728	727	714	701	699	697	705	718	727	734	732	733	732	732	734	725	0	7	55	746	14	30	695	51
26				731	730	726	727	720	730	734	734	724	716	705	697	702	703	708	715	723	729	729	730	731	734	734	737	723	1	23	02	743	11	27	696	47
27				748	725	717	731	720	728	731	735	730	727	720	716	709	710	715	717	(727)	731	732	732	736	745	740	728	727	0	0	20	756	12	25	708	48
28				732	734	733	724	723	729	733	737	740	737	729	716	710	708	709	717	725	732	730	731	733	735	738	740	728	0	7	56	744	12	47	706	38
29																																				
30																																				
31																																				
MEANS ALL DAYS				733	731	728	727	727	729	732	735	734	730	722	713	707	704	706	712	720	729	732	732	733	735	735	734	726								50
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE. MAGNETIC STORM
- ( ) = INTERPOLATED
- ⌈ ⌉ = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⧍ = NO RECORD

TABLE 40

VERTICAL INTENSITY

MARCH 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1945

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				736	734	726	728	730	730	735	737	735	731	721	709	698	700	703	713	725	735	744	737	733	737	736	734	727	0	18	36	748	12	36	696	52
2				730	730	729	728	726	729	735	741	744	743	729	716	707	700	703	712	722	726	728	729	733	737	740	738	727	0	9	17	747	13	40	699	48
3				729	730	728	726	726	726	730	737	740	728	722	718	713	710	708	711	722	733	732	733	737	737	737	737	727	0	8	30	744	14	21	707	37
4				739	735	729	727	727	728	734	741	747	744	731	719	708	702	701	706	717	726	727	726	728	735	734	734	727	0	9	10	750	13	50	701	49
5				733	731	730	728	725	727	732	734	738	737	730	717	707	702	697	704	715	723	726	726	728	732	740	745	725	1	23	11	749	14	16	697	52
6				759	752	745	737	730	718	729	724	722	715	709	701	703	703	705	708	715	725	731	731	734	738	734	734	725	0	0	51	774	11	40	700	74
7				731	726	734	737	729	729	732	732	729	726	718	713	713	714	715	721	727	735	724	723	726	731	731	735	726	0	2	53	744	12	24	712	32
8				738	730	731	731	730	730	729	730	730	727	723	721	722	722	721	722	727	728	722	740	738	748	743	746	730	1	18	46	769	18	18	717	52
9				748	738	731	731	731	732	736	735	731	729	724	719	716	711	708	712	720	724	726	730	733	732	733	734	728	0	0	09	763	14	24	706	57
10				735	736	736	735	736	734	733	731	730	729	726	725	723	720	718	717	720	725	730	730	729	729	729	729	729	0	3	47	739	14	42	716	23
11				730	729	728	728	729	730	733	741	734	724	719	718	717	716	716	715	724	730	759	749	757	759	741	752	732	1	18	20	778	15	14	708	70
12				746	746	733	729	730	734	743	744	740	734	722	717	713	714	719	727	733	745	746	747	733	733	739	725	733	1	17	51	789	12	49	709	80
13				737	719	715	706	709	716	695	717	722	715	708	707	702	709	716	724	735	742	742	749	743	739	734	733	722	0	0	53	762	3	46	685	77
14				734	732	730	730	732	734	736	739	741	739	729	714	708	710	714	719	726	737	741	744	738	737	736	735	731	0	19	40	748	13	00	707	41
15				730	729	730	728	724	726	725	732	736	739	714	710	718	721	722	737	732	735	738	(741	743)	738	749	756	731	1	23	03	782	11	13	706	76
16				737	722	727	745	729	729	723	728	733	727	721	719	719	723	726	729	735	736	758	745	739	745	738	741	732	1	18	37	767	1	34	697	70
17				739	718	730	728	729	728	731	738	737	741	724	717	717	718	721	724	728	733	734	734	737	740	741	740	730	0	22	40	743	1	15	709	34
18				740	733	732	731	729	729	729	733	737	734	728	718	714	714	710	712	722	731	732	737	751	744	738	735	730	0	20	39	759	14	40	707	52
19				733	728	731	732	729	726	730	736	739	739	730	718	709	708	718	727	734	734	733	737	738	738	739	738	730	0	9	04	743	12	54	706	37
20				736	734	733	731	730	731	733	739	746	737	718	708	704	712	720	729	737	738	737	738	740	736	736	738	731	0	8	36	747	11	52	700	47
21				738	735	735	732	704	735	735	735	737	728	708	696	698	702	706	713	722	731	737	733	735	734	735	736	725	0	5	19	748	4	38	679	69
22				736	739	724	729	735	735	736	736	735	730	722	712	705	707	710	719	728	732	736	734	736	736	736	736	728	0	1	52	742	12	40	705	37
23				732	732	731	731	732	732	735	738	737	729	715	704	698	696	703	716	726	730	734	733	733	733	734	733	726	0	7	48	740	13	43	658	82
24				732	732	731	732	731	732	(735	737	738)	724	704	688	686	694	706	717	726	737	739	738	736	736	738	737	725	0	18	11	743	12	07	685	58
25				741	732	730	730	731	730	735	741	738	725	706	692	688	697	709	721	730	732	734	735	739	742	734	730	726	0	7	51	750	12	16	686	64
26				732	724	729	728	730	728	732	741	728	729	715	696	691	702	699	716	753	761	764	749	750	759	763	776	733	1	18	08	802	12	30	690	112
27				747	721	718	719	736	735	736	731	734	729	721	719	724	720	721	725	726	731	743	747	758	744	747	735	732	0	20	28	773	3	15	707	66
28				738	731	725	720	731	736	738	741	739	733	721	701	696	696	701	699	733	730	737	797	729	775	738	729	730	1	19	14	893	15	33	686	207
29				729	729	729	730	734	737	744	748	753	746	729	715	704	705	713	727	743	747	757	759	753	737	738	738	735	0	19	19	764	12	53	701	63
30				735	731	731	731	731	731	738	749	750	749	741	726	712	711	716	724	731	734	737	738	738	740	738	737	733	0	8	50	752	13	14	710	42
31				733	731	731	730	731	732	737	743	749	746	735	719	702	697	704	715	727	732	735	737	738	738	738	737	730	0	9	18	749	13	06	697	52
MEANS ALL DAYS				737	731	730	729	729	730	732	736	737	732	721	712	708	708	711	718	728	733	738	740	738	740	738	738	729								62
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
[ ] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

VERTICAL INTENSITY

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

APRIL 1945 APRIL 1945

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				734	731	731	730	730	731	734	739	752	750	732	715	698	687	695	738	746	803	788	800	792	785	791	756	745	2	17	52	833	13	03	683	150
2				735	723	732	736	732	736	743	745	748	748	732	719	709	709	719	732	736	741	743	743	752	752	751	748	736	1	20	42	761	12	49	703	58
3				750	744	739	739	737	740	744	751	751	737	715	706	700	702	712	722	729	734	735	736	739	739	740	740	733	0	8	29	753	12	10	699	54
4				739	738	737	735	736	735	737	740	744	737	721	715	714	710	721	729	736	738	738	737	738	742	755	754	734	0	22	22	763	13	10	703	60
5				745	737	734	735	735	736	742	749	750	738	723	712	710	713	719	725	732	734	732	736	742	742	742	741	734	0	8	10	752	12	20	708	44
6				743	753	748	735	745	742	738	741	739	735	729	720	711	715	723	737	738	749	752	743	752	746	741	744	738	1	17	56	777	12	39	708	69
7				736	712	728	735	735	736	740	741	743	745	738	729	717	718	726	732	731	737	738	740	741	741	742	737	734	1	8	55	749	1	20	702	47
8				735	735	734	736	737	738	726	739	748	751	735	721	714	713	715	724	735	746	742	750	746	750	740	735	735	0	21	40	759	14	11	709	50
9				732	731	736	738	739	740	742	744	747	743	731	716	706	705	712	720	728	736	739	739	740	739	738	736	732	0	8	19	748	13	20	702	46
10				736	733	733	735	735	736	738	742	746	745	735	715	702	697	700	714	725	732	736	738	741	752	741	738	731	0	21	25	761	13	50	697	64
11				733	732	731	732	733	733	737	741	743	739	725	710	699	695	701	705	713	743	742	754	825	763	754	752	735	1	20	23	867	13	31	691	176
12				735	730	725	728	732	737	738	741	743	742	730	715	711	710	715	729	741	744	745	747	749	745	741	730	733	1	20	23	754	13	30	709	45
13				730	733	733	733	726	729	733	740	743	744	731	721	717	715	720	732	739	750	752	765	749	745	742	742	736	0	19	33	778	12	53	713	65
14				738	735	736	733	735	734	738	741	740	733	730	727	719	716	723	731	734	743	740	744	756	753	745	742	736	0	20	54	778	13	18	716	62
15				724	728	731	724	731	731	732	737	738	736	733	724	715	715	726	727	732	735	743	(761	754)	755	746	741	734	0	19	26	768	12	41	710	58
16				734	733	730	730	730	732	739	743	745	745	740	729	711	706	711	723	729	734	736	737	740	742	740	739	732	0	8	48	749	13	29	704	45
17				735	732	733	732	732	735	738	740	747	744	738	725	712	709	714	721	727	733	736	737	737	739	740	739	732	0	9	19	747	13	19	706	41
18				736	734	732	731	730	729	731	736	745	746	746	736	719	715	716	721	729	737	738	741	737	739	738	738	733	0	9	56	750	13	59	714	36
19				737	736	734	734	734	734	734	736	741	745	742	735	724	720	726	729	737	740	736	738	747	744	740	737	736	0	20	24	751	13	15	718	33
20				737	736	735	734	739	736	731	733	747	746	736	722	711	704	711	718	728	736	738	751	753	752	747	736	734	0	19	53	777	14	02	702	75
21				733	733	734	733	734	736	737	740	744	741	739	732	718	715	718	723	728	734	735	736	736	736	736	736	733	0	8	36	745	13	35	714	31
22				734	733	733	734	735	735	736	736	739	736	732	724	720	721	723	725	728	731	733	734	735	734	734	734	732	0	8	52	742	12	50	717	25
23				734	732	731	738	724	738	738	739	737	734	727	720	714	706	705	711	720	731	737	745	745	742	738	740	730	0	19	37	749	14	57	702	47
24				736	739	734	731	734	734	737	733	737	735	730	722	722	720	719	733	734	739	742	744	741	740	741	737	734	0	19	34	746	14	10	714	32
25				737	733	722	733	737	736	737	740	748	745	741	737	725	719	720	727	735	740	741	744	744	744	744	740	736	0	8	33	750	13	42	709	41
26				735	734	733	734	736	737	738	739	740	740	736	729	721	719	722	725	731	736	740	741	743	743	742	742	735	0	23	05	744	13	41	718	26
27				736	734	735	736	736	737	738	742	747	744	736	721	709	707	710	718	730	736	738	740	742	740	740	738	733	0	8	42	747	13	06	706	41
28				737	736	731	732	732	732	736	745	(742)	737	722	713	710	713	719	727	736	738	740	740	740	742	741	739	732	0	7	58	748	13	40	707	41
29				735	732	736	735	731	732	734	739	742	744	739	728	717	713	712	717	727	733	735	738	738	740	743	745	733	0	9	31	746	14	03	709	37
30				738	734	730	728	730	731	732	735	742	742	740	729	716	707	711	714	725	732	748	743	740	741	740	739	732	0	18	51	758	13	53	704	54
31																																				
MEANS ALL DAYS				736	734	733	733	734	735	737	740	744	742	733	722	713	710	715	724	731	740	741	745	748	746	744	740	734								55
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 42

VERTICAL INTENSITY

MAY 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MAY 1945

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				737	739	725	733	732	735	732	736	743	742	736	735	726	723	721	720	727	734	736	745	741	743	741	738	734	0	19	48	754	13	05	720	34
2				740	737	737	735	730	735	736	738	746	743	740	734	715	715	716	720	736	746	742	743	747	747	742	742	736	0	21	28	760	12	44	712	48
3				745	742	740	740	740	739	740	742	752	750	749	737	725	723	724	728	738	748	749	747	746	747	749	746	741	0	8	21	754	12	40	722	32
4				750	745	745	745	738	743	741	743	751	752	744	732	722	722	726	731	743	746	747	748	748	749	750	749	742	0	21	49	750	12	07	719	31
5				749	749	748	744	745	745	745	748	752	751	746	742	729	728	731	737	748	750	750	751	755	755	755	754	746	0	23	05	759	13	07	725	34
6				752	750	750	752	752	749	750	754	758	761	757	744	735	734	739	746	753	758	757	753	754	755	754	753	751	0	21	58	764	13	37	731	33
7				755	754	752	746	747	745	745	748	745	744	738	731	724	724	727	734	744	749	748	747	747	746	744	744	743	0	1	03	758	12	52	724	34
8				743	743	742	739	743	745	742	739	742	746	744	739	735	728	730	733	743	748	750	751	750	749	745	741	742	0	19	50	752	13	30	725	27
9				740	738	740	741	742	744	742	743	746	743	732	720	719	720	727	733	736	742	743	746	746	747	744	744	738	0	23	59	752	13	03	717	35
10				745	740	740	735	745	734	738	742	745	745	739	733	730	726	724	728	741	747	750	759	751	748	745	744	741	0	19	23	767	14	11	722	45
11				742	741	737	741	744	732	734	736	735	738	734	737	730	726	733	740	746	754	774	774	772	777	771	757	746	1	21	45	787	13	03	720	67
12				747	730	733	735	730	739	746	748	749	745	743	743	736	736	741	746	752	756	752	751	752	752	750	748	744	1	17	21	761	1	30	720	41
13				744	743	738	735	721	737	743	744	745	744	742	738	736	734	737	740	745	745	747	749	752	752	755	748	742	0	22	42	759	4	50	706	53
14				741	731	738	736	738	741	741	743	747	747	741	737	734	731	731	734	(738	745)	747	750	756	761	764	754	743	0	22	33	771	13	10	731	40
15				743	743	740	741	743	740	744	748	753	755	754	751	746	739	735	735	740	743	745	(746)	749	749	748	746	745	0	10	20	757	14	50	733	24
16				745	743	742	742	742	743	742	745	752	753	748	739	738	739	736	736	739	742	745	745	746	748	748	748	744	0	8	38	756	15	01	734	22
17				745	744	741	741	740	740	741	740	744	748	751	748	741	741	739	738	744	748	748	747	750	753	753	750	745	0	21	17	755	7	27	734	21
18				746	740	739	744	742	744	739	740	742	745	743	739	737	735	735	738	747	751	752	754	757	758	764	752	745	0	22	08	782	14	40	735	47
19				740	737	735	740	740	741	741	737	744	744	738	732	730	733	731	734	740	745	744	745	748	749	752	759	741	0	23	07	773	12	14	726	47
20				752	745	743	738	737	738	737	737	744	741	738	731	733	737	737	742	747	750	750	750	750	750	749	747	743	0	17	04	754	12	04	726	28
21				747	745	742	742	742	742	742	742	742	743	740	733	729	732	735	738	742	746	747	747	749	747	748	750	742	0	23	56	755	12	50	726	29
22				742	743	742	743	742	744	742	739	739	739	738	732	728	726	728	732	742	745	753	749	748	748	744	743	740	0	18	14	756	13	45	725	31
23				741	741	740	741	744	745	745	743	745	741	731	722	718	724	733	740	744	747	750	751	749	748	746	744	741	0	19	11	768	12	56	716	52
24				744	743	742	741	743	743	743	739	742	740	732	726	726	726	729	739	749	753	752	752	751	751	749	752	742	0	23	27	759	13	17	722	37
25				741	741	741	742	742	745	745	743	744	741	732	729	724	724	728	734	738	747	747	753	749	747	746	750	741	0	23	41	756	12	24	720	36
26				741	740	743	743	743	743	742	740	734	733	733	729	725	725	725	730	740	743	745	746	747	747	746	742	739	0	20	54	749	12	44	723	26
27				739	736	736	739	739	739	741	739	742	743	742	732	731	728	728	732	739	745	746	747	747	746	745	743	739	0	21	08	748	13	40	726	22
28				740	738	733	731	735	740	741	740	744	746	747	741	731	722	724	725	734	739	745	746	747	748	748	747	739	0	10	30	748	13	30	721	27
29				747	741	738	738	737	737	737	737	745	744	740	737	737	737	738	735	738	745	747	748	751	749	747	746	742	0	19	48	752	13	23	733	19
30				745	741	738	740	738	740	740	736	737	744	744	741	738	731	727	730	738	741	744	745	751	753	755	751	741	0	22	38	756	14	08	724	32
31				747	744	737	739	740	726	731	730	738	743	744	738	738	734	732	731	743	745	744	752	746	751	746	747	740	0	19	25	761	15	26	730	31
MEANS ALL DAYS				744	742	740	740	740	740	741	741	745	745	741	736	731	729	731	734	742	747	748	750	750	751	750	748	742								35
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 43

VERTICAL INTENSITY

JUNE 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JUNE 1945

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				736	735	735	734	734	734	734	732	735	738	737	731	723	722	720	724	733	738	738	738	741	742	741	741	734	0	20	52	743	14	18	719	24
2				738	737	734	734	734	733	733	731	734	737	733	727	725	726	728	729	735	738	738	738	739	740	740	740	734	0	22	05	741	12	23	722	19
3				739	738	737	736	736	736	733	733	737	737	737	735	731	726	727	730	734	739	740	740	739	741	741	738	736	0	21	52	744	13	35	725	19
4				738	738	738	738	738	737	736	733	737	738	740	738	732	727	728	731	736	740	739	739	738	738	738	737	736	0	10	50	740	13	57	725	15
5				737	736	736	736	737	739	737	736	736	739	738	733	727	723	718	721	734	738	738	738	738	738	737	737	734	0	9	06	741	14	50	717	24
6				736	735	735	733	736	734	733	730	737	741	741	737	728	718	718	730	741	748	759	762	761	763	758	751	740	1	21	49	775	14	10	711	64
7				743	736	733	729	736	734	736	735	733	740	737	740	733	729	733	744	739	743	745	747	751	740	740	740	738	0	20	34	761	3	41	718	43
8				738	737	738	729	725	734	736	734	738	739	739	742	738	735	742	742	739	743	748	750	749	749	735	742	739	0	19	00	757	4	14	708	49
9				739	736	736	735	733	738	739	737	742	744	742	736	732	732	732	740	742	749	753	749	748	745	743	739	740	0	19	05	760	3	54	725	35
10				739	738	732	732	739	739	739	742	748	754	752	749	745	739	733	728	738	744	751	753	746	746	745	742	742	0	9	37	758	14	54	725	33
11				738	740	737	737	739	740	741	740	745	748	747	740	734	731	726	733	739	746	746	747	751	750	747	743	741	0	21	17	759	14	20	724	35
12				739	739	738	727	733	740	742	744	749	751	749	742	732	725	722	725	734	739	742	743	746	746	743	742	739	0	9	29	753	14	17	721	32
13				740	739	736	735	738	738	739	742	748	750	750	743	735	731	724	725	732	739	742	744	751	749	749	746	740	0	20	28	756	14	47	722	34
14				743	742	739	739	737	738	738	736	741	751	752	742	731	724	721	724	734	741	740	741	743	743	741	741	738	0	10	08	753	14	10	720	33
15				740	737	736	736	733	737	736	738	746	751	756	751	743	732	(728	740)	742	745	744	746	747	747	746	745	742	0	10	35	757	14	09	725	32
16				743	743	743	740	743	738	740	739	746	748	749	741	728	730	731	737	741	745	744	745	745	744	744	747	741	0	10	40	749	12	54	727	22
17				747	747	743	740	744	744	742	740	743	746	747	742	736	732	732	734	740	743	744	745	746	748	753	756	743	0	23	50	759	13	43	731	28
18				749	743	742	742	742	742	742	742	744	745	740	736	732	735	736	737	744	745	745	746	747	747	747	744	742	0	0	01	755	12	55	731	24
19				743	743	743	743	743	743	743	740	740	744	746	744	742	737	730	732	742	746	746	746	745	744	745	744	742	0	10	21	747	14	22	729	18
20				742	742	741	741	742	742	741	739	740	742	744	744	738	729	725	733	743	746	749	751	752	750	745	744	742	0	21	04	756	14	20	722	34
21				744	744	743	743	743	743	743	743	744	748	746	743	736	732	735	737	740	745	746	746	747	746	746	742	743	0	11	10	751	13	39	730	21
22				742	742	742	742	743	743	742	741	745	751	751	745	740	733	727	731	739	746	745	(745)	746	746	745	744	742	0	10	14	753	14	20	726	27
23				742	741	742	741	742	741	740	742	746	751	748	742	736	728	721	728	740	750	750	753	753	751	748	746	743	0	19	39	756	14	22	720	36
24				744	743	741	742	743	743	744	744	750	754	748	740	735	735	736	742	746	747	749	749	749	749	747	745	744	0	9	38	756	13	11	732	24
25				742	740	741	741	740	741	743	744	745	751	757	749	740	734	732	736	744	749	750	749	749	748	746	744	744	0	10	43	758	13	47	731	27
26				742	741	741	741	742	742	743	743	749	750	749	745	739	734	731	735	742	743	743	745	746	746	745	741	742	0	9	13	753	14	13	731	22
27				739	737	736	735	736	735	739	738	742	749	753	749	735	734	734	731	739	755	749	753	764	764	760	752	744	0	21	20	768	15	41	729	39
28				746	745	744	743	741	740	741	740	744	747	748	740	730	727	729	733	741	743	745	747	750	751	749	748	742	0	21	40	754	13	49	726	28
29				747	743	740	740	740	740	740	738	741	747	747	742	738	734	732	733	740	744	744	746	748	748	747	747	742	0	20	05	751	14	30	730	21
30				745	743	742	741	741	741	741	739	743	747	747	743	733	732	722	726	732	740	742	743	746	747	748	754	741	0	23	59	757	14	45	719	38
31																																				
MEANS ALL DAYS				741	740	739	738	738	739	739	739	742	746	746	741	734	730	728	732	739	744	745	746	747	747	745	744	740								30
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 44

VERTICAL INTENSITY

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

JULY 1945

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1945

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				761	753	749	741	739	737	736	737	736	746	746	737	745	748	743	753	751	761	769	767	775	777	774	756	752	1	21	36	789	8	44	721	68
2				760	770	742	737	738	738	736	740	740	737	755	747	744	741	738	742	747	749	749	750	755	755	753	752	746	0	1	47	781	9	30	731	50
3				749	748	743	744	744	742	741	742	744	748	752	749	744	740	738	741	747	753	753	751	751	755	751	749	747	0	21	40	758	14	10	737	21
4				750	748	747	748	749	747	747	747	750	751	747	736	725	725	729	737	745	755	752	772	758	761	762	751	747	0	19	36	794	13	01	721	73
5				751	747	747	747	746	749	744	747	753	751	754	747	740	742	736	743	754	775	752	752	753	753	750	748	749	0	17	18	789	14	03	733	56
6				746	747	744	747	750	750	747	744	755	757	750	739	736	743	755	763	773	788	787	756	758	760	764	765	755	1	18	09	816	12	00	735	81
7				754	746	744	746	746	749	753	754	760	762	758	744	728	728	732	742	752	754	756	757	761	763	759	749	750	0	21	00	778	12	50	724	54
8				750	749	749	748	747	748	749	750	755	760	756	752	744	737	738	744	756	759	757	758	758	757	760	753	751	0	22	37	765	13	08	736	29
9				751	748	744	745	744	745	750	752	762	758	757	749	736	729	729	733	742	750	753	754	757	758	754	752	748	0	8	42	765	14	04	727	38
10				749	744	746	746	746	745	748	749	757	762	759	747	735	730	730	736	747	751	751	752	755	754	751	748	747	0	9	36	763	13	40	728	35
11				748	747	743	744	742	746	749	750	755	761	764	751	733	725	726	733	745	749	749	751	752	752	751	750	746	0	10	27	765	13	29	724	41
12				749	745	742	744	744	744	742	744	752	758	758	746	731	721	725	732	741	747	748	751	754	754	753	751	745	0	10	11	761	13	22	718	43
13				750	746	745	742	741	742	743	741	745	750	753	752	739	734	734	734	741	747	749	753	756	756	752	749	746	0	10	33	756	14	12	731	25
14				749	746	745	745	745	744	742	743	750	754	755	745	735	730	727	732	741	745	748	751	752	752	752	751	745	0	10	33	757	14	06	726	31
15				750	748	747	746	743	743	743	742	744	749	744	732	723	725	730	735	739	742	745	746	746	748	748	746	742	0	9	50	750	12	55	721	29
16				746	746	745	744	743	742	743	740	746	749	749	745	736	729	(728)	729	741	744	744	744	748	749	751	750	743	0	23	06	757	15	10	726	31
17				745	744	743	746	747	739	742	737	735	739	743	746	739	734	731	731	735	739	742	745	746	746	745	746	741	0	10	55	748	14	30	728	20
18				745	752	755	758	746	748	741	740	744	742	(741	732)	729	(731	736	751)	759	754	751	754	756	761	754	754	747	0	3	34	766	13	59	724	42
19				750	751	752	752	748	750	747	746	748	753	755	745	733	731	733	739	748	749	751	754	753	752	750	749	747	0	10	02	759	14	30	728	31
20				747	746	746	747	745	745	746	748	754	755	(752	740)	731	(729	734)	731	742	750	754	754	754	753	752	750	746	0	10	07	755	13	06	727	28
21				745	745	745	746	748	746	745	744	749	749	749	741	731	728	732	739	748	751	752	751	751	754	751	749	745	0	21	36	757	13	28	727	30
22				749	748	747	748	748	748	747	747	755	761	758	748	737	733	732	735	742	748	751	752	751	751	749	748	747	0	9	42	764	13	43	730	34
23				744	744	746	746	746	748	747	744	750	754	750	740	735	730	734	738	744	749	750	750	752	750	748	749	745	0	9	40	755	13	12	729	26
24				749	740	736	737	741	722	730	734	750	754	753	748	740	730	726	737	(743	751)	754	755	758	760	756	753	744	0	21	08	761	5	32	708	53
25				750	749	746	747	749	751	750	748	751	751	751	(747	736	734	734)	742	747	751	752	754	756	756	755	752	748	0	(21	45	757	13	10	730	27)
26				752	749	746	747	745	748	747	747	754	758	752	743	734	(733	731)	735	744	750	753	754	755	758	758	756	748	0	21	50	762	(14	15	729	33)
27				751	747	746	742	743	744	745	745	751	752	752	745	738	735	730	735	742	747	750	752	754	754	755	755	746	0	23	05	759	14	10	730	29
28				750	747	744	744	745	743	742	739	743	750	752	745	732	720	719	728	739	753	751	755	768	756	755	751	745	0	20	23	783	14	28	711	72
29				747	744	742	742	742	742	741	741	746	752	754	749	741	733	731	737	744	748	748	750	751	754	755	755	745	0	23	17	758	14	07	729	29
30				755	754	745	744	743	741	731	737	744	743	755	755	758	753	746	743	747	751	754	754	764	764	756	753	750	0	20	58	778	6	21	722	56
31				753	753	747	746	747	747	743	745	753	757	764	757	751	749	746	746	749	752	753	753	753	754	754	753	751	0	10	40	766	14	57	743	23
MEANS ALL DAYS				750	748	745	745	745	744	744	744	749	752	753	745	737	733	733	739	746	752	753	753	755	756	754	751	747								40
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[] = APPROXIMATE. MAGNETIC STORM
() = INTERPOLATED
[] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 45

VERTICAL INTENSITY

AUGUST 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1945

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				753	752	751	751	750	749	746	745	751	757	759	755	749	742	738	738	744	748	749	751	754	754	753	751	750	0	10 20	760	15 57	737	23
2				752	749	747	743	743	744	742	742	750	747	764	759	767	754	746	746	750	754	754	759	756	756	755	756	751	1	12 15	771	3 59	736	35
3				756	749	742	750	752	751	747	749	754	754	755	755	750	745	742	738	745	750	752	752	753	753	752	752	750	0	10 59	757	2 05	734	23
4				752	751	749	748	749	749	756	752	757	760	757	753	741	733	734	741	750	754	755	755	753	752	751	751	750	0	9 21	763	14 13	731	32
5				748	747	748	748	750	750	747	745	751	756	758	751	741	740	733	737	741	747	748	754	755	756	753	758	748	0	24 00	768	14 30	731	37
6				762	747	744	747	748	750	749	748	749	751	747	739	735	732	736	739	747	756	755	755	756	757	754	751	748	0	0 28	769	13 17	729	40
7				747	747	746	749	749	750	750	752	757	761	758	749	739	737	735	730	739	753	756	755	754	755	757	757	749	0	9 43	763	17 42	726	37
8				751	749	746	745	747	747	746	748	756	762	761	750	730	723	725	734	745	751	751	752	754	752	751	751	747	0	9 40	764	13 23	723	41
9				752	750	749	746	746	746	745	747	755	762	764	760	744	734	735	740	745	752	754	755	756	756	755	753	750	0	10 21	767	14 04	733	34
10				750	747	744	745	745	745	745	747	753	758	758	748	731	720	717	726	739	748	749	750	751	753	753	751	745	0	10 03	759	14 27	716	43
11				747	746	744	744	746	744	744	745	747	747	750	753	747	737	734	731	736	743	746	748	750	752	753	754	745	0	11 15	753	15 30	730	23
12				751	747	746	744	743	743	739	739	750	758	761	759	748	737	726	720	730	742	746	751	758	758	758	758	746	0	10 57	762	15 35	719	43
13				754	750	747	746	746	744	743	745	755	761	760	750	736	725	723	735	749	757	765	758	765	764	767	765	750	0	21 26	783	13 53	719	64
14				759	757	752	751	751	751	751	744	746	754	755	751	742	734	731	737	745	756	759	760	769	775	776	773	753	0	22 47	779	14 30	730	49
15				762	755	747	749	747	746	747	750	755	759	757	750	742	737	731	733	747	754	759	753	755	756	758	758	750	0	0 00	768	14 55	729	39
16				757	754	750	751	749	748	742	743	748	759	765	756	744	737	739	744	749	754	752	753	754	754	754	755	750	0	10 00	768	13 28	735	33
17				753	753	752	752	750	750	748	749	756	757	757	752	741	733	727	730	739	749	756	754	753	753	755	755	749	0	18 49	761	14 20	724	37
18				757	753	751	750	751	751	751	753	757	759	759	756	747	738	737	738	745	753	753	753	756	756	755	756	751	0	9 20	760	14 50	736	24
19				755	754	753	754	753	752	750	754	761	763	758	753	743	737	739	743	749	752	753	753	753	754	753	753	752	0	9 06	766	14 03	735	31
20				752	750	750	751	750	751	750	753	759	760	759	755	746	735	723	724	740	750	752	752	752	752	752	751	749	0	9 20	763	14 47	720	43
21				749	748	748	747	748	748	748	751	755	758	755	(746	736)	734	732	733	740	750	747	752	757	766	757	752	748	0	21 53	774	14 36	730	44
22				750	748	749	748	750	751	753	756	760	760	753	744	737	732	723	725	736	746	750	751	753	753	754	757	747	0	23 59	762	14 47	721	41
23				765	765	769	762	744	745	748	754	760	768	758	752	728	719	724	736	746	756	760	768	770	771	770	764	754	0	9 30	782	13 24	717	65
24				757	755	752	752	753	754	754	759	766	768	759	746	733	732	732	737	748	755	759	759	760	760	760	759	753	0	9 28	770	13 00	731	39
25				754	751	749	748	750	750	751	753	761	766	762	752	745	741	740	741	743	748	754	758	761	763	763	762	753	0	9 20	766	14 20	738	28
26				757	754	751	750	750	749	750	755	763	763	756	746	732	729	735	741	746	751	754	756	759	761	761	759	751	0	8 40	764	13 33	729	35
27				753	752	749	747	746	746	746	752	759	759	755	750	743	735	732	735	740	745	748	749	751	755	755	756	748	0	9 25	760	14 01	728	32
28				759	755	751	747	740	744	742	744	747	751	752	755	752	755	760	761	758	761	764	764	765	768	770	768	756	1	22 09	778	4 10	731	47
29				756	756	757	755	736	753	753	755	757	759	759	753	746	738	739	742	742	750	755	759	759	763	765	762	753	0	22 17	767	4 26	721	46
30				757	757	755	755	755	752	751	751	760	765	766	762	751	744	741	741	745	751	752	754	755	756	756	757	754	0	10 19	769	13 55	741	28
31				758	755	754	751	751	751	748	752	763	769	768	758	744	737	734	740	749	754	753	755	756	756	756	756	753	0	10 07	771	14 18	733	38
MEANS ALL DAYS				754	752	750	749	748	749	748	749	755	759	758	752	742	736	734	737	744	751	754	755	757	758	757	757	750						38
MEANS TEN DAYS *																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 46

VERTICAL INTENSITY

SEPTEMBER 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

SEPTEMBER 1945

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				755	755	754	752	751	753	753	753	762	765	765	756	745	741	739	742	746	751	753	754	755	754	755	753	753	0	9	56	767	13	27	738	29
2				753	753	752	754	750	751	750	753	759	764	769	764	750	738	734	738	751	755	756	756	759	760	763	758	754	0	10	58	771	13	59	732	39
3				754	754	754	754	754	754	754	757	762	762	758	751	740	734	735	741	751	756	756	757	759	756	755	756	753	0	8	58	766	13	40	733	33
4				751	751	752	751	751	751	751	755	763	764	766	759	744	732	726	745	759	763	770	789	769	762	760	758	756	1	19	45	802	14	11	721	81
5				757	751	748	744	746	752	756	761	767	775	780	768	743	731	730	738	748	755	758	759	761	761	761	758	754	0	10	27	780	13	37	728	52
6				755	749	749	749	752	754	756	761	768	772	767	756	741	736	734	738	748	756	758	758	762	763	757	755	754	0	9	22	774	14	30	733	41
7				755	752	750	750	751	750	749	759	773	775	770	762	746	730	728	737	747	752	756	758	761	763	758	757	754	0	8	56	777	14	17	724	53
8				756	753	753	753	752	752	753	762	769	770	764	756	745	739	737	741	745	751	755	757	759	759	759	758	754	0	9	24	771	14	07	735	36
9				757	754	752	751	749	748	756	763	770	763	757	746	735	728	728	732	737	747	753	754	757	762	761	757	751	0	8	32	774	13	23	725	49
10				754	752	751	749	750	750	754	760	769	767	755	740	725	716	718	730	741	748	752	754	757	759	758	757	749	0	8	34	771	13	47	715	56
11				756	754	752	751	747	748	752	759	768	764	757	743	728	726	730	740	752	754	755	758	762	764	760	758	752	0	8	47	771	12	58	726	45
12				758	760	755	755	750	736	747	758	760	761	755	738	730	727	730	743	752	757	760	761	768	769	758	759	752	0	21	07	783	14	03	722	61
13				756	754	747	750	751	752	758	764	765	760	749	732	722	719	722	732	746	752	754	757	758	764	765	758	749	0	21	57	778	13	14	717	61
14				755	754	746	741	750	751	755	761	769	766	755	733	726	720	722	733	747	754	755	755	755	758	758	757	749	0	8	40	771	13	55	719	52
15				755	754	754	751	751	753	758	767	770	766	755	738	730	729	733	743	751	755	757	757	754	754	755	756	752	0	8	57	772	13	25	727	45
16				755	755	754	754	754	756	762	768	765	761	750	739	732	730	733	736	744	751	753	753	753	755	756	754	751	0	7	42	769	12	55	729	40
17				757	758	756	754	752	755	758	764	764	755	750	740	724	733	744	743	754	789	791	784	790	772	788	769	760	1	20	42	819	12	31	719	100
18				754	752	754	758	747	748	757	761	758	750	740	732	726	737	738	743	(766	763)	776	783	766	770	768	772	755	1	23	46	798	12	25	722	76
19				783	741	759	752	736	741	747	757	750	740	732	734	736	743	749	754	761	763	769	764	764	764	765	761	753	0	0	58	802	1	30	715	87
20				760	759	762	758	761	764	767	771	771	765	753	740	733	732	739	744	756	764	775	767	765	763	763	760	758	0	18	24	782	12	54	731	51
21				757	756	756	756	756	759	763	770	773	768	754	730	712	714	726	741	752	759	759	762	766	774	773	770	754	0	21	50	783	12	50	710	73
22				757	752	752	752	752	753	763	774	771	765	747	733	729	729	736	747	757	760	761	763	764	764	763	762	754	0	7	41	781	12	47	727	54
23				758	755	751	752	755	758	765	772	778	774	758	738	726	727	736	751	759	760	760	761	763	764	763	760	756	0	9	45	779	12	57	725	54
24				757	754	753	752	753	756	761	770	775	768	753	735	722	721	729	742	751	756	757	758	760	761	762	761	753	0	9	27	776	12	50	719	57
25				759	753	753	751	751	753	757	763	766	763	754	739	718	708	717	729	739	747	753	760	762	762	764	764	749	0	9	32	768	13	33	703	65
26				763	758	751	751	752	753	760	765	778	774	762	746	732	729	731	740	752	757	758	757	761	764	764	765	755	0	8	33	779	13	25	728	51
27				765	754	753	754	751	754	758	762	769	769	759	740	727	728	733	738	748	754	758	779	775	764	762	762	755	0	19	52	787	12	43	725	62
28				761	758	756	755	755	758	758	763	765	761	754	742	734	733	737	743	754	758	759	760	760	761	764	761	755	0	8	26	769	13	06	732	37
29				760	760	758	759	759	760	762	765	768	762	748	731	724	723	727	738	749	755	759	758	756	757	759	761	752	0	8	26	770	13	37	723	47
30				762	764	758	759	758	759	765	766	767	761	744	734	725	724	731	745	762	759	765	767	766	769	760	759	755	0	8	51	770	13	30	723	47
31																																				
MEANS ALL DAYS				758	754	753	752	752	753	757	763	767	764	756	743	732	729	732	740	751	757	760	762	762	762	762	760	753								54
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE. MAGNETIC STORM
- ( ) = INTERPOLATED
- ⌈ ⌋ = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⊼ = NO RECORD

TABLE 47

VERTICAL INTENSITY

OCTOBER 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1945

DAY	✽	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				759	761	755	762	760	759	768	773	770	758	743	734	731	734	741	749	758	762	762	762	762	760	760	760	756	0	8	05	777	12	16	727	50
2				762	759	759	762	752	759	768	771	770	759	748	734	724	726	733	744	755	763	766	766	765	760	764	757	755	0	8	04	773	12	59	723	50
3				756	757	756	757	759	762	771	777	777	762	741	721	712	716	731	745	760	763	762	762	763	762	758	759	754	0	8	12	780	12	38	712	68
4				753	755	756	758	759	764	773	777	780	770	744	720	713	717	727	741	754	759	759	759	759	759	759	757	753	0	8	24	782	12	36	712	70
5				756	755	755	756	756	757	770	781	779	770	749	723	709	713	726	738	751	762	766	768	768	772	769	761	755	0	7	29	786	12	13	706	80
6				756	755	754	751	752	755	760	771	771	768	753	733	721	721	728	742	754	760	760	760	761	761	761	760	753	0	8	04	777	12	41	718	59
7				758	757	757	755	751	757	766	774	779	770	752	734	720	719	728	741	758	763	764	765	763	762	762	762	755	0	8	45	784	12	52	718	66
8				759	758	757	754	755	758	763	773	777	774	759	742	731	727	729	741	752	759	764	768	781	780	773	774	759	0	22	02	788	14	15	725	63
9				763	757	756	755	756	761	766	770	767	760	746	730	718	714	721	739	756	765	769	768	768	769	769	768	755	0	7	29	775	13	13	710	65
10				760	760	760	759	758	760	763	767	773	766	751	733	725	723	728	740	755	761	761	762	765	765	765	765	755	0	8	25	775	12	52	722	53
11				763	762	760	759	759	762	767	776	779	772	756	734	724	718	721	735	750	760	759	760	761	762	763	764	755	0	8	14	781	13	26	717	64
12				764	761	758	758	758	760	764	771	778	773	753	722	703	701	704	720	740	749	759	787	794	802	794	778	756	1	21	20	823	12	44	700	123
13				773	768	756	769	764	766	773	779	778	766	757	738	721	720	732	749	774	771	771	771	771	771	771	772	762	0	7	07	784	13	01	717	67
14				772	768	766	763	765	769	776	778	780	779	765	748	730	724	731	747	759	768	769	769	771	777	774	771	763	0	9	16	780	13	40	723	57
15				764	770	768	769	760	768	770	777	777	765	747	726	718	718	724	736	755	764	770	768	767	765	768	771	758	0	8	05	780	12	40	717	63
16				775	774	768	767	766	768	772	774	774	771	755	740	733	733	740	754	762	769	775	775	783	784	790	783	766	0	22	30	797	13	11	727	70
17				777	776	771	765	769	772	778	779	772	761	746	737	740	740	(747	760)	769	778	784	783	781	779	779	775	767	0	18	46	787	11	43	736	51
18				780	771	774	767	770	777	781	784	783	778	762	743	733	735	746	754	764	770	775	775	778	782	778	772	768	0	21	11	785	13	00	732	53
19				734	771	771	775	771	775	782	785	781	774	756	739	730	732	743	756	765	772	773	777	786	779	776	774	766	0	20	23	790	12	52	729	61
20				773	769	769	772	770	769	777	781	773	753	742	738	727	724	732	748	763	773	774	774	773	772	771	770	762	0	8	04	789	13	20	721	68
21				770	768	767	767	766	769	781	787	786	772	757	735	718	710	717	737	760	771	774	774	774	774	772	771	762	0	7	50	794	13	33	707	87
22				769	768	768	767	769	772	778	789	797	791	761	720	705	708	722	740	759	768	772	778	779	786	791	791	764	0	8	34	800	12	56	704	96
23				773	768	761	764	767	775	787	799	797	786	767	750	733	728	734	750	768	779	776	776	780	780	782	781	769	0	7	29	804	13	19	726	78
24				776	775	773	772	774	777	789	802	803	799	774	745	717	714	725	746	760	788	810	824	817	786	785	791	776	1	19	19	845	12	49	710	135
25				785	779	785	787	766	777	778	789	794	782	771	757	743	746	746	764	785	814	813	822	831	821	796	794	784	1	20	30	834	12	25	739	95
26				799	777	770	766	770	777	786	792	791	789	777	755	740	736	738	750	766	777	778	779	780	783	784	784	773	0	0	46	810	13	52	734	76
27				781	780	779	779	778	780	790	795	788	776	759	741	727	724	731	747	765	776	780	779	780	783	781	791	770	0	7	17	798	13	16	722	76
28				786	783	784	786	786	786	777	773	779	762	762	752	754	747	751	763	778	786	788	793	783	791	788	786	776	1	21	50	803	13	30	744	59
29				777	763	773	773	754	778	786	786	783	774	758	748	744	747	758	772	783	786	784	781	781	783	786	780	772	0	22	27	796	4	21	729	67
30				777	774	779	779	780	773	780	793	792	787	776	758	751	752	760	769	778	781	781	783	790	786	783	779	777	0	21	00	804	12	35	750	54
31				775	776	779	780	781	784	790	791	783	776	765	756	751	752	761	771	778	779	779	780	780	780	781	781	775	0	7	30	794	12	48	750	44
MEANS ALL DAYS				769	767	766	766	765	769	775	781	781	772	757	738	727	726	734	748	762	771	773	776	777	777	775	774	764								70
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 48

VERTICAL INTENSITY

NOVEMBER 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1945

DAY	✱	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				780	779	777	778	779	783	788	790	789	782	765	751	744	743	750	758	770	776	779	780	780	779	778	778	773	0	8	44	790	13	42	741	49
2				777	777	777	778	780	784	791	795	789	776	763	757	752	751	754	763	772	778	779	780	781	781	781	781	775	0	7	34	797	13	11	748	49
3				780	779	777	777	781	781	786	791	786	777	768	758	749	747	755	768	776	780	781	782	782	782	779	778	775	0	7	13	792	12	52	746	46
4				776	776	776	777	779	782	788	786	779	768	758	747	737	740	748	758	767	775	776	778	779	777	781	782	770	0	6	39	790	12	31	736	54
5				778	773	773	774	777	776	790	794	787	782	779	769	765	762	767	778	781	786	794	796	795	791	792	788	781	0	7	11	804	13	25	759	45
6				781	778	777	775	780	784	791	791	789	784	776	764	746	740	746	761	772	778	782	783	783	784	784	782	775	0	7	11	795	13	35	739	56
7				779	778	775	775	776	781	787	795	797	791	772	747	732	728	737	751	762	772	779	779	781	781	780	781	772	0	8	22	797	13	15	726	71
8				780	777	773	773	775	778	784	789	791	785	767	740	728	731	742	757	768	774	775	773	777	778	784	791	770	0	23	46	795	12	40	725	70
9				796	793	797	789	778	771	779	779	782	772	768	750	736	731	745	772	787	815	832	820	801	800	801	804	783	1	17	51	856	12	30	727	129
10				785	793	789	771	782	786	796	795	790	787	780	757	743	744	758	773	781	788	790	788	791	787	787	786	780	0	6	11	804	12	51	741	63
11				783	780	783	783	783	782	783	790	790	784	769	751	736	737	752	775	786	790	794	796	791	800	794	794	779	0	19	35	804	12	49	734	70
12				792	791	788	781	781	782	785	788	782	778	769	763	752	748	757	762	771	786	793	785	785	786	787	789	778	0	17	56	809	13	00	745	64
13				786	785	781	774	773	780	780	780	784	787	787	777	762	757	760	773	781	788	787	787	790	791	791	789	780	0	21	00	798	14	00	754	44
14				794	790	780	781	783	783	782	780	785	781	777	771	760	759	763	773	779	789	793	793	791	792	792	790	782	0	19	05	796	12	58	757	39
15				791	790	789	786	786	790	791	793	789	785	773	759	743	738	(744	758)	770	780	787	792	783	783	783	783	778	0	19	35	798	13	23	737	61
16				783	787	791	787	784	784	785	787	783	776	750	738	736	741	755	770	776	783	788	794	793	791	785	780	776	0	21	28	801	12	16	733	68
17				780	769	777	780	784	787	788	791	788	781	770	762	749	751	762	776	787	797	792	797	792	781	781	781	779	0	20	04	813	12	41	746	67
18				781	780	780	781	784	792	801	805	801	787	778	762	749	742	747	762	781	788	789	792	788	785	784	781	780	0	7	14	808	13	27	740	68
19				779	778	778	780	784	791	802	806	802	787	766	745	734	735	748	762	774	780	782	784	785	788	787	783	777	0	7	51	808	13	00	731	77
20				780	778	777	779	783	788	795	802	803	789	760	734	721	725	743	761	775	782	785	788	788	787	785	783	775	0	8	06	806	12	35	718	88
21				782	779	779	779	779	783	794	796	802	797	783	758	731	727	741	759	770	777	780	781	783	784	784	786	776	0	8	39	805	13	08	724	81
22				785	783	777	777	779	782	788	797	799	788	764	745	731	731	745	762	775	782	786	786	786	789	788	786	775	0	7	46	805	13	04	728	77
23				785	783	780	780	780	783	789	794	802	798	778	749	733	734	747	763	777	783	785	785	785	788	789	788	777	0	8	39	803	13	00	730	73
24				785	782	779	780	779	782	785	793	803	796	778	757	742	740	748	762	777	785	789	786	787	787	790	790	778	0	8	38	805	12	55	737	68
25				787	784	782	781	782	784	792	795	792	778	756	735	729	736	748	763	775	785	786	784	783	785	789	789	775	0	7	44	795	12	30	728	67
26				791	787	784	783	781	784	791	794	795	778	758	749	748	749	754	763	773	781	786	784	784	787	787	785	777	0	8	01	798	12	06	746	52
27				785	782	781	782	784	787	792	796	791	782	765	753	745	742	752	764	772	778	779	776	779	780	782	782	775	0	7	39	798	13	14	740	58
28				783	783	783	783	783	788	793	794	778	762	740	720	716	719	728	742	752	761	765	766	766	767	768	769	763	0	6	09	798	11	54	716	82
29				770	770	769	769	772	780	786	776	770	752	728	710	717	727	737	756	772	783	783	777	773	778	775	769	762	0	6	19	792	11	47	704	88
30				767	771	770	767	771	784	791	792	775	759	751	741	736	738	749	765	772	775	775	772	771	771	771	770	767	0	7	34	797	12	06	736	61
31																																				
MEANS ALL DAYS				783	781	780	779	780	783	789	792	790	781	767	751	740	740	749	764	774	782	786	785	784	785	785	784	776								66
MEANS TEN DAYS ✱																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✱ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 49

VERTICAL INTENSITY

DECEMBER 1945 | DECEMBER 1945

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H M	MAXIMUM	MINIMUM H M	MINIMUM	RANGE
1				766	767	769	770	773	779	789	789	776	757	737	728	725	728	743	758	765	768	768	767	769	768	768	769	762	0	7 07	792	12 36	724	68
2				768	768	768	770	772	781	790	788	776	759	735	710	702	710	728	749	762	766	765	766	769	771	769	769	759	0	6 52	792	12 32	699	93
3				768	766	766	766	769	776	786	780	783	769	745	727	725	729	747	764	773	775	775	774	774	774	772	769	765	0	6 16	788	11 50	721	67
4				769	769	766	766	771	775	784	792	792	777	752	732	725	733	750	761	772	776	776	773	771	772	772	771	767	0	7 52	795	12 20	724	71
5				770	770	768	768	770	774	784	787	779	763	745	719	713	717	735	752	766	769	772	772	774	776	773	773	762	0	7 24	790	13 00	711	79
6				771	769	766	765	766	773	786	789	783	773	753	724	711	723	740	756	770	774	779	777	785	797	793	787	767	0	22 01	803	12 26	708	95
7				781	777	776	771	773	767	784	790	782	772	752	720	710	719	741	761	775	778	780	778	778	778	778	778	767	0	7 52	794	12 41	708	86
8				778	775	772	769	769	778	787	791	788	782	755	733	733	731	733	746	769	778	785	786	786	786	784	779	770	0	9 22	797	14 16	728	69
9				773	771	771	769	770	776	782	788	790	780	758	733	721	718	728	748	767	774	777	780	782	785	783	780	767	0	8 21	794	12 53	715	79
10				777	776	770	770	769	774	778	779	783	777	759	742	735	733	741	745	764	771	781	778	780	781	781	781	768	0	8 34	786	12 56	731	55
11				778	777	773	771	772	777	784	788	789	782	769	753	736	735	742	750	766	772	773	773	776	779	780	778	770	0	7 07	791	13 15	732	59
12				777	777	774	773	772	773	779	784	787	776	757	742	732	731	741	751	757	767	776	777	781	780	777	777	767	0	8 31	789	13 20	727	62
13				777	774	773	773	771	774	778	787	791	793	780	745	716	702	717	732	748	763	768	768	770	781	774	770	764	0	9 14	794	13 30	700	94
14				771	772	771	771	770	758	770	771	781	778	765	755	749	757	774	796	817	860	882	856	862	844	830	800	794	1	17 57	910	12 48	733	177
15				786	785	784	786	793	801	808	805	798	796	789	783	780	781	785	786	790	790	789	791	795	785	786	789	790	0	6 23	812	12 50	779	33
16				782	784	786	788	790	795	793	805	802	790	775	762	751	749	757	771	782	785	785	(783	783)	782	781	780	781	0	7 21	808	12 53	747	61
17				780	781	780	779	782	792	801	809	805	778	748	748	743	735	745	757	772	792	796	795	799	805	804	814	781	0	8 31	816	12 22	726	90
18				784	778	777	778	781	788	800	794	788	774	752	725	719	722	732	746	766	775	781	781	784	788	788	781	770	0	6 44	801	13 00	716	85
19				781	778	777	777	781	787	795	802	801	791	761	744	731	726	733	753	774	787	788	784	786	785	783	782	774	0	8 03	805	13 00	726	79
20				780	774	771	771	772	775	785	781	791	784	750	738	735	738	735	758	775	784	787	788	787	794	794	792	772	1	6 18	806	14 10	725	81
21				782	779	777	765	759	776	782	792	792	791	775	735	723	724	739	762	783	794	795	793	797	793	786	784	774	1	20 09	801	12 10	716	85
22				782	779	777	776	777	783	790	796	798	790	766	755	744	738	745	764	778	784	784	783	782	782	783	783	776	0	8 19	799	13 15	736	63
23				781	780	778	776	778	781	790	798	805	789	763	746	723	722	734	751	770	778	780	776	779	780	780	780	772	0	8 15	806	13 00	717	89
24				776	780	779	773	761	783	787	787	791	787	775	752	745	741	746	761	772	773	778	780	791	802	797	783	775	1	21 48	806	13 40	739	67
25				783	783	782	779	779	780	783	783	778	765	743	728	734	745	755	760	762	770	776	786	786	780	788	795	771	1	23 54	807	11 26	727	80
26				787	798	791	784	777	782	770	767	770	762	748	746	747	748	764	770	777	787	786	793	794	787	783	780	775	1	20 15	820	10 55	741	79
27				790	788	782	775	774	783	784	781	779	774	761	748	735	744	757	765	778	777	774	780	800	797	777	783	774	1	21 39	804	12 39	731	73
28				776	779	769	772	784	784	787	785	784	778	764	751	744	744	757	767	778	779	786	788	789	787	794	798	776	1	23 07	815	12 56	740	75
29				778	776	770	770	777	780	781	782	779	772	757	744	736	738	747	762	774	780	788	787	781	783	784	782	771	0	18 19	791	12 45	734	57
30				780	779	777	775	781	778	785	787	781	774	763	754	748	742	742	759	771	788	793	788	784	784	781	781	774	0	18 47	796	14 12	739	57
31				779	779	778	781	778	782	788	789	784	761	732	709	705	714	732	755	768	778	783	781	780	786	785	779	766	0	6 49	791	12 03	703	88
MEANS ALL DAYS				778	7.77	775	773	775	780	786	789	787	777	758	740	731	733	744	759	772	780	784	783	786	786	784	782	772						77
MEANS TEN DAYS *																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE. MAGNETIC STORM
- ( ) = INTERPOLATED
- ⌈ ⌉ = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⊼ = NO RECORD

TABLE 50

DECLINATION

JANUARY 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1946

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				564	564	566	572	574	583	598	602	614	615	607	578	554	547	552	551	554	556	569	576	569	581	578	581	575	0	9	32	617	15	46	544	73
2				583	574	584	587	579	584	594	599	593	595	592	576	564	548	543	537	542	544	553	564	572	574	573	568	572	0	8	01	605	15	52	534	71
3				564	584	573	575	574	578	592	605	614	612	595	564	542	533	533	533	491	460	481	564	553	547	566	625	561	2	19	43	657	17	10	453	204
4				682	675	678	723	673	676	626	657	636	611	576	543	513	521	536	504	512	555	571	565	574	584	584	574	598	2	0	18	760	16	04	484	276
5				566	593	575	558	582	584	592	596	605	598	584	565	546	533	522	524	532	542	545	555	565	564	564	564	565	1	8	19	616	14	25	514	102
6				566	569	574	572	577	588	605	621	618	615	606	595	566	555	541	522	522	533	536	543	543	547	554	564	568	0	7	27	626	16	00	515	111
7				564	569	581	582	568	575	594	615	615	616	605	584	564	543	525	523	533	542	555	561	558	560	564	574	570	0	9	17	624	15	35	522	102
8				569	575	567	574	582	585	596	605	614	615	609	593	564	546	533	530	535	543	553	554	558	558	560	565	570	0	9	54	624	15	20	527	97
9				564	565	564	559	564	574	584	585	588	599	599	588	569	558	533	522	523	531	542	551	552	553	564	566	562	0	9	48	607	15	06	515	92
10				570	569	565	565	574	574	582	584	583	585	587	585	579	567	552	533	534	533	538	543	541	543	553	563	563	0	10	08	593	17	23	531	62
11				581	580	575	575	578	582	594	595	586	579	579	555	543	526	531	522	521	522	544	543	543	562	564	577	561	0	7	17	601	13	45	505	96
12				574	575	584	582	574	570	585	592	594	596	592	585	574	564	563	557	548	543	544	552	545	553	556	564	569	0	9	32	605	17	36	534	71
13				564	570	574	576	582	576	579	585	582	575	564	555	553	553	553	557	559	556	552	558	559	559	564	564	565	0	7	40	587	14	10	547	40
14				565	566	569	565	574	578	595	600	605	616	604	576	565	561	548	544	543	545	543	548	550	553	558	564	568	0	9	29	618	18	40	537	81
15				565	571	573	574	577	584	605	625	630	606	585	571	564	555	553	554	553	553	545	546	(554	555)	560	562	572	0	8	10	646	14	12	549	97
16				564	564	566	571	570	575	595	604	595	568	575	553	544	544	534	535	544	547	543	546	554	555	563	564	562	0	7	05	605	14	27	523	82
17				574	582	580	582	585	585	596	605	605	600	581	554	533	530	515	522	533	533	543	545	549	554	557	564	563	0	8	41	615	15	14	511	104
18				569	564	572	582	594	584	584	605	605	605	585	566	548	543	543	544	547	550	556	564	565	566	554	563	569	0	7	43	614	23	03	527	87
19				567	565	564	552	563	566	564	595	626	637	626	600	574	543	534	533	536	546	564	564	554	561	564	566	569	0	9	11	647	14	57	532	115
20				565	564	563	561	543	562	578	589	616	628	607	565	522	503	512	532	557	564	566	560	555	557	558	563	562	0	9	10	636	13	55	501	135
21				564	564	566	571	573	582	596	619	636	640	632	603	569	537	525	522	534	543	553	554	552	553	556	557	571	0	9	40	645	14	52	517	128
22				553	552	552	550	553	565	583	595	624	632	615	604	563	521	490	504	523	532	540	543	543	551	558	563	559	0	9	38	636	14	36	481	155
23				564	567	565	572	573	576	583	595	615	625	619	572	529	514	493	502	512	521	532	543	553	554	555	563	558	0	9	54	633	14	44	491	142
24				572	574	573	572	583	584	574	588	619	636	615	588	564	533	501	491	502	510	531	543	564	595	585	586	566	1	21	14	647	15	24	478	169
25				576	574	574	572	584	586	583	594	612	626	626	623	604	574	542	525	530	534	543	553	564	574	569	579	576	1	9	34	636	15	36	524	112
26				595	591	576	575	580	583	586	593	605	608	592	564	552	540	522	512	525	527	533	544	546	552	559	567	564	0	9	29	616	15	03	511	105
27				571	564	583	581	574	580	592	596	603	595	584	571	564	550	540	533	534	536	543	549	554	558	558	562	566	0	8	28	609	15	50	516	93
28				564	567	566	566	569	573	584	594	595	580	567	543	533	522	516	521	530	543	552	554	555	554	560	564	557	0	8	43	598	16	00	511	87
29				564	565	568	573	575	574	575	592	591	587	584	575	561	543	520	521	522	526	537	545	553	553	565	571	560	0	7	28	599	14	54	512	87
30				564	566	573	574	574	588	608	622	615	605	565	543	522	512	502	512	530	533	543	548	554	564	564	561	560	0	7	45	626	14	48	491	135
31				563	564	565	564	566	579	595	606	615	613	587	564	544	522	512	513	522	533	546	553	554	555	559	562	561	0	9	00	617	14	52	510	107
MEANS ALL DAYS				572	574	574	576	577	582	590	602	608	608	595	574	554	540	530	527	532	537	545	553	555	560	563	569	566								110
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 51

DECLINATION

FEBRUARY 1946

2 ° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0

FEBRUARY 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				574	583	574	565	572	580	585	613	624	615	593	553	523	502	493	503	522	531	558	553	556	556	560	560	560	0	8	38	626	14	12	491	135
2				564	563	563	560	557	565	584	603	622	637	619	591	553	532	511	512	524	555	567	563	557	565	563	564	566	0	10	02	646	14	29	502	144
3				560	562	563	564	569	574	588	605	628	615	584	545	513	482	489	498	519	539	554	555	554	557	553	561	555	1	8	37	636	13	34	475	161
4				573	565	565	557	564	555	591	615	622	635	604	594	570	532	503	509	514	533	544	562	582	586	592	585	569	1	9	42	656	14	04	455	201
5				587	574	565	564	567	573	584	585	605	613	619	602	574	555	532	513	533	554	569	575	563	554	556	569	570	0	9	57	625	15	20	512	113
6				551	562	545	534	549	563	584	605	638	645	625	586	542	523	519	524	533	544	552	554	565	574	559	554	564	0	9	27	647	14	48	508	139
7				553	553	554	554	562	566	589	613	626	637	625	596	557	535	526	522	521	542	648	656	627	626	646	647	587	2	19	10	822	19	52	510	312
8				574	665	623	626	593	554	483	490	604	572	575	606	589	573	548	522	542	557	595	600	594	605	580	583	577	2	18	32	848	7	57	354	494
9				579	578	575	574	572	576	591	617	623	622	617	605	600	582	564	535	523	533	542	547	554	558	576	574	576	1	8	49	627	16	30	520	107
10				564	570	577	585	586	583	584	580	575	582	575	567	554	542	524	504	521	527	533	545	560	567	565	564	560	0	4	58	588	15	58	503	85
11				566	572	575	583	584	583	583	584	582	582	581	576	573	564	556	543	543	545	551	550	543	557	565	564	567	0	8	45	591	16	20	542	49
12				565	573	573	574	571	570	575	587	(591)	581	572	565	554	553	549	543	539	540	554	554	555	562	575	584	565	0	23	59	597	17	15	536	61
13				594	583	583	581	585	588	605	600	620	612	588	565	553	543	532	531	533	536	535	543	543	550	563	559	568	0	8	34	626	14	54	516	110
14				564	566	571	570	574	575	587	605	606	599	572	533	522	524	512	491	505	522	574	556	543	548	555	563	556	1	8	32	613	15	23	480	133
15				564	556	564	565	575	588	605	626	627	636	584	546	524	516	501	513	532	536	539	(543	552)	553	555	557	561	1	9	40	657	14	32	491	166
16				564	565	564	565	569	574	595	617	636	636	605	564	544	533	522	519	524	533	543	545	552	553	555	560	564	0	9	20	647	15	30	512	135
17				565	564	564	565	569	574	593	615	626	625	615	593	543	502	494	504	526	543	554	554	553	554	555	563	563	0	8	55	642	14	33	491	151
18				564	564	564	564	565	569	584	612	636	644	615	563	532	515	512	503	526	539	551	553	553	553	555	556	562	0	9	42	649	14	30	501	148
19				564	564	562	561	561	574	591	614	626	624	605	564	583	587	564	544	498	501	533	544	543	547	554	566	566	1	8	46	643	15	02	450	193
20				564	564	585	572	597	606	625	628	644	646	624	593	556	533	548	520	521	523	522	529	534	542	548	557	570	0	9	26	657	15	00	512	145
21				564	572	570	584	579	553	592	575	585	580	556	554	543	534	512	511	534	543	583	561	584	606	587	598	565	1	23	37	623	15	00	492	131
22				600	611	603	582	576	584	597	615	626	626	605	572	543	539	525	512	516	533	536	543	552	555	569	574	571	0	9	48	638	15	40	510	128
23				575	573	569	564	569	573	584	604	616	615	604	594	581	545	514	505	533	535	543	554	558	553	566	565	566	0	9	03	626	15	25	501	125
24				574	582	552	554	564	569	584	595	605	611	605	594	575	554	537	521	520	531	535	543	546	552	554	561	563	0	8	05	616	16	17	513	103
25				563	564	563	577	583	577	585	595	613	619	616	584	553	535	534	526	527	532	546	549	545	552	552	553	564	0	9	46	628	16	00	522	106
26				563	564	564	563	565	574	584	585	598	605	597	583	569	564	548	535	526	524	536	553	550	551	554	557	563	0	8	51	610	17	35	523	87
27				563	564	567	567	566	565	574	595	606	606	593	565	538	523	516	518	523	533	544	548	552	553	555	556	558	0	9	09	611	14	28	512	99
28				562	564	563	563	562	565	580	607	636	639	625	584	538	505	501	502	512	528	543	548	551	552	553	555	560	0	9	23	646	13	44	491	155
29																																				
30																																				
31																																				
MEANS ALL DAYS				568	573	570	569	572	573	585	599	616	616	600	576	554	537	524	517	525	535	553	556	558	562	565	568	566								147
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
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[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 52

DECLINATION

MARCH 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1946

DAY	✱	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				558	559	556	555	564	571	585	613	626	628	627	596	516	505	491	494	511	543	542	543	545	553	555	560	558	1	9	41	656	14	42	471	185
2				558	563	560	561	562	566	579	609	582	626	586	552	537	516	514	524	544	563	555	551	554	556	559	559	560	1	9	30	645	14	05	506	139
3				562	561	561	564	565	571	585	616	642	637	611	576	545	526	522	524	534	545	552	551	550	552	555	556	565	0	8	46	652	14	30	517	135
4				558	557	558	560	555	564	581	605	616	615	604	565	523	505	510	522	541	552	564	573	553	556	567	535	562	0	8	54	627	13	30	501	126
5				574	565	564	563	532	555	570	585	594	597	577	534	514	502	503	521	541	561	569	584	590	585	596	592	561	1	22	49	616	13	55	493	123
6				580	574	566	565	563	569	586	608	631	637	614	560	531	508	504	520	528	557	570	574	557	560	562	564	566	0	9	21	644	14	05	496	148
7				564	552	548	561	566	572	577	607	637	631	597	557	524	501	492	503	526	551	565	572	583	563	561	561	561	0	8	34	656	14	41	489	167
8				561	558	563	563	566	569	588	615	627	627	607	583	547	532	531	537	545	555	555	555	557	560	560	562	568	0	9	01	635	14	00	526	109
9				559	557	563	562	555	558	582	606	626	630	615	584	553	543	524	521	526	537	545	549	546	549	555	598	564	0	9	01	635	15	23	517	118
10				607	598	575	556	569	574	593	605	632	638	625	576	544	525	504	520	520	532	543	545	549	563	566	571	568	1	9	53	712	14	28	496	216
11				565	564	565	570	584	574	575	576	544	584	565	569	559	551	544	545	536	564	565	555	576	575	565	566	564	1	4	43	617	8	17	523	94
12				564	576	574	563	566	574	565	564	601	606	594	577	556	536	530	524	531	539	545	547	549	555	560	563	561	0	8	57	612	15	57	523	89
13				565	566	565	570	570	572	576	(586)	608	616	606	586	563	544	539	541	545	546	553	555	556	561	557	557	567	0	9	39	622	15	04	534	88
14				563	559	562	566	566	567	578	599	622	634	619	589	560	543	537	537	542	543	544	550	553	555	557	557	567	0	9	28	635	15	21	534	101
15				563	564	557	565	565	565	575	582	607	606	596	575	558	545	538	528	522	530	545	(545	581)	556	560	566	562	0	8	44	619	16	17	511	108
16				565	565	559	553	557	564	581	606	617	617	604	580	553	541	523	521	524	536	544	545	553	555	565	565	562	0	8	39	623	15	24	514	109
17				565	564	565	565	566	574	578	601	637	647	625	576	552	523	513	511	522	534	553	553	580	569	565	568	567	1	9	10	644	15	38	502	142
18				546	565	575	574	560	564	585	598	615	619	599	576	560	544	534	524	525	540	550	544	553	562	564	565	564	0	9	01	627	16	23	522	105
19				564	572	572	570	566	571	575	593	(608)	616	606	584	555	534	513	506	517	531	545	545	553	553	556	561	561	0	9	50	627	15	18	503	124
20				564	564	566	573	574	584	585	595	614	616	609	583	548	523	504	503	514	531	537	535	544	549	565	570	560	0	9	00	642	14	49	499	143
21				566	565	564	556	556	574	580	594	616	627	625	594	543	513	501	512	524	534	542	544	552	553	556	556	560	0	9	32	641	14	31	496	145
22				561	560	560	563	562	565	574	589	611	617	608	577	542	514	491	481	492	504	546	553	566	574	575	553	556	1	10	08	623	15	53	462	161
23				556	555	555	555	564	569	584	620	614	615	602	575	543	539	523	525	533	540	545	548	549	552	563	555	562	0	9	30	640	14	45	521	119
24				564	552	543	549	553	524	535	547	592	602	554	585	559	551	524	497	517	498	504	488	532	559	616	647	550	1	23	04	750	19	50	477	273
25				552	560	571	571	580	584	590	600	623	505	544	535	501	501	491	461	486	543	545	607	619	601	647	682	562	2	23	44	787	14	01	442	345
26				642	647	637	626	601	568	594	552	559	561	565	572	568	571	572	565	541	561	576	564	576	596	594	593	583	2	1	51	758	5	20	447	311
27				575	573	545	549	537	574	575	593	613	624	605	570	542	534	534	541	551	553	563	574	575	585	574	570	568	1	9	21	631	3	58	478	153
28				583	564	561	549	543	531	525	576	615	609	594	565	546	543	523	504	514	500	446	798	697	792	670	733	587	2	20	54	1055	22	40	88	967
29				688	643	644	549	601	668	603	630	632	629	617	605	594	584	571	559	545	544	557	557	556	564	564	566	595	2	0	37	739	16	42	527	212
30				565	566	568	565	563	565	575	593	606	607	604	588	566	549	540	534	540	545	546	552	555	556	560	564	566	0	9	04	610	15	32	532	78
31				564	563	561	560	556	560	566	587	607	607	594	556	534	522	512	525	534	535	544	566	560	566	555	559	558	0	8	38	616	14	05	501	115
MEANS ALL DAYS				572	569	567	564	564	570	577	595	612	614	600	574	546	531	521	520	528	540	547	562	565	570	572	578	565								176
MEANS TEN DAYS ✱																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✱ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 53

DECLINATION

APRIL 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

APRIL 1946

DAY	✽	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				557	557	561	562	560	556	542	543	565	586	577	555	540	529	526	535	538	548	547	545	554	561	561	568	553	0	9	31	597	13	28	522	75
2				562	563	557	555	550	541	562	570	588	585	577	560	549	538	531	526	536	557	564	550	565	563	577	568	558	1	8	18	596	15	26	522	74
3				566	548	557	562	557	541	566	590	621	628	595	571	543	525	518	526	539	548	549	557	562	556	555	568	560	0	9	00	632	14	05	511	121
4				572	558	562	565	562	561	568	588	608	617	605	577	541	522	520	525	537	546	551	558	551	560	562	569	562	0	9	34	619	14	08	516	103
5				563	559	557	557	560	556	561	579	599	605	588	555	527	512	511	522	536	544	548	548	550	557	568	566	555	0	9	15	608	14	06	509	99
6				572	580	577	577	566	566	568	582	589	588	585	565	548	526	520	529	539	547	545	548	561	560	557	560	561	0	7	53	595	13	59	518	77
7				561	564	562	562	564	568	577	582	601	609	598	577	549	534	516	526	535	547	549	554	557	557	582	583	563	0	9	37	608	14	52	501	107
8				565	564	562	565	565	572	582	600	613	598	596	574	553	527	522	528	526	544	542	549	554	553	557	558	561	0	8	38	606	14	51	508	98
9				560	563	560	562	572	572	581	601	604	597	584	563	534	517	517	525	521	511	514	520	538	517	590	607	555	1	23	00	636	18	47	495	141
10				585	586	586	582	581	582	579	595	605	586	569	550	537	527	531	538	546	547	546	549	548	551	554	555	563	0	8	22	621	13	54	517	104
11				555	557	558	561	564	567	572	587	602	605	595	576	549	530	522	527	535	537	540	548	549	549	552	557	558	0	9	29	609	14	42	520	89
12				558	559	560	563	563	563	568	582	599	603	592	574	550	536	527	534	538	537	536	538	548	550	555	557	558	0	9	30	608	14	29	516	92
13				557	559	565	561	562	562	573	572	600	605	599	568	543	509	505	516	524	533	549	553	555	560	561	561	556	1	10	09	621	14	07	479	142
14				561	569	562	537	556	579	578	597	609	612	609	590	553	526	518	520	526	534	537	546	587	593	588	562	565	1	21	28	631	14	25	516	115
15				560	560	568	572	567	564	565	572	600	614	581	554	531	508	496	485	498	551	520	548	611	620	614	590	560	2	21	19	650	15	00	457	193
16				578	563	562	544	561	565	574	589	603	608	597	568	565	559	555	550	547	547	548	(549	555)	556	557	559	565	1	9	12	613	3	22	524	89
17				562	558	558	559	555	549	549	572	592	588	577	563	544	541	537	544	542	545	548	548	551	557	554	556	556	0	8	41	599	14	10	533	66
18				557	557	557	560	561	565	567	575	585	592	582	567	555	543	537	534	527	533	537	548	554	556	567	563	557	0	9	24	594	16	32	520	74
19				555	562	562	557	558	558	565	580	600	604	594	574	552	528	525	553	537	544	550	554	556	557	560	561	559	0	9	29	609	14	12	518	91
20				561	562	565	565	563	566	572	576	593	596	583	560	537	527	526	531	537	544	548	552	554	555	555	559	558	0	9	04	601	14	22	524	77
21				568	561	562	562	561	562	565	572	584	588	586	575	554	534	523	519	532	544	544	553	554	557	563	558	558	0	9	40	592	15	09	514	78
22				555	556	562	560	565	565	566	575	589	602	599	568	548	530	521	508	506	507	516	530	550	560	560	567	553	1	10	04	605	15	04	488	117
23				567	561	567	566	571	572	572	573	585	599	588	568	541	517	(500	495	492)	463	469	526	551	595	611	650	554	2	23	22	675	17	56	439	236
24				619	631	692	704	686	660	585	572	599	557	564	522	522	483	538	509	549	544	587	600	574	588	588	592	586	2	3	39	724	13	11	436	288
25				561	550	561	551	540	551	567	572	573	567	589	590	574	549	553	558	565	565	564	563	558	557	550	548	562	1	10	49	598	0	45	466	132
26				547	542	541	545	549	554	558	572	597	611	609	594	573	569	562	557	556	562	568	572	565	560	556	547	565	0	9	58	618	2	08	538	80
27				556	560	558	558	557	550	556	561	566	578	587	581	559	541	540	545	551	556	556	554	555	554	551	548	557	0	10	15	592	14	15	531	61
28				547	546	545	545	548	551	558	570	573	599	593	575	553	543	544	544	549	548	548	549	550	550	558	566	556	0	9	49	599	3	10	541	58
29				567	562	567	565	558	564	562	568	569	604	599	573	568	554	547	533	534	542	554	567	560	558	558	557	562	0	9	55	606	15	36	523	83
30				556	551	543	553	557	552	556	567	578	582	580	567	547	532	526	528	537	543	549	551	554	565	564	558	554	0	10	09	585	14	32	524	61
31																																				
MEANS ALL DAYS				564	562	565	565	565	564	567	578	593	597	589	568	548	531	527	528	535	541	544	551	558	561	566	567	560								107
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 54

DECLINATION

MAY 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MAY 1946

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H M	MAXIMUM	MINIMUM H M	MINIMUM	RANGE
1				554	554	549	553	557	562	567	573	588	602	594	580	562	544	528	524	530	541	548	555	559	561	562	563	559	0	9 27	603	15 31	520	83
2				570	576	564	566	559	546	556	569	581	580	580	572	561	550	533	532	532	543	548	550	557	559	559	559	558	0	9 17	587	14 49	523	64
3				549	551	561	559	561	561	561	563	580	594	596	578	552	540	524	527	536	544	548	550	552	554	554	555	556	0	10 09	602	14 42	518	84
4				557	564	552	537	554	557	563	574	588	598	594	574	550	530	524	523	527	521	538	552	559	561	562	568	555	0	9 37	603	17 45	511	92
5				568	562	562	559	567	568	565	574	588	601	592	570	549	531	517	516	525	528	549	549	556	558	559	561	557	0	9 22	605	14 46	508	97
6				559	558	556	555	563	561	556	570	586	593	587	559	540	511	459	459	500	501	507	531	556	559	566	565	544	1	9 02	605	15 00	442	163
7				559	561	562	568	569	569	563	566	583	588	577	559	519	502	471	495	503	538	554	562	577	589	579	565	553	1	8 22	614	14 50	455	159
8				561	559	555	562	562	564	566	571	605	617	614	593	559	528	497	489	509	530	543	548	577	602	562	562	560	1	21 04	669	14 55	439	230
9				563	562	561	550	563	568	573	559	576	593	577	579	566	541	515	509	521	542	553	555	580	579	592	611	562	1	23 12	640	15 01	503	137
10				585	581	559	583	569	557	552	562	579	580	573	573	557	542	528	517	524	540	550	578	558	566	565	559	560	1	1 04	613	15 14	512	101
11				551	556	551	551	555	558	566	573	592	612	594	552	535	517	522	510	527	540	546	559	569	594	584	580	558	1	9 30	617	16 29	474	143
12				544	552	561	555	559	559	562	569	585	598	594	579	559	542	521	524	538	542	549	553	562	567	563	563	558	0	9 42	602	14 19	510	92
13				561	558	558	559	559	562	562	569	573	571	566	555	542	527	520	521	532	544	550	555	559	561	563	565	554	0	9 04	580	15 20	515	65
14				561	562	557	559	559	555	553	566	576	585	584	570	549	532	530	528	535	545	549	554	558	559	559	561	556	0	10 08	592	15 33	527	65
15				561	561	557	553	552	550	551	555	572	579	582	577	563	545	532	524	532	539	548	(549	555)	558	564	566	555	0	10 31	586	15 25	518	68
16				562	559	558	556	552	555	558	561	577	583	578	567	554	540	527	524	533	540	539	542	548	554	556	559	553	0	9 08	583	15 38	518	65
17				561	563	562	564	566	563	559	565	579	586	578	562	543	535	528	527	534	544	549	552	556	568	564	569	557	0	9 36	588	15 08	521	67
18				581	583	565	556	562	562	559	558	564	570	572	562	554	541	532	515	531	548	550	552	558	569	570	571	558	0	1 18	595	15 25	511	84
19				585	554	557	559	554	554	556	557	570	580	579	576	565	550	539	535	537	547	552	557	559	562	559	561	558	0	0 17	611	15 47	532	79
20				559	558	555	555	554	554	555	557	568	583	590	584	571	550	533	526	532	546	551	552	556	561	562	559	557	0	10 36	592	15 22	522	70
21				555	552	550	546	547	572	537	545	555	561	572	577	567	556	530	510	542	530	534	558	579	583	589	569	555	1	22 57	604	15 25	494	110
22				583	570	530	554	549	530	542	553	564	571	572	579	549	542	528	521	512	538	562	580	589	577	561	575	555	1	20 17	597	2 35	494	103
23				566	564	566	534	542	556	547	546	553	564	564	573	562	552	541	536	538	556	559	558	610	559	567	574	558	1	20 15	659	14 49	520	139
24				589	593	532	575	551	538	521	516	547	562	561	561	567	562	550	538	540	548	563	572	562	572	584	570	557	1	0 28	641	7 00	502	139
25				580	554	541	547	550	547	548	540	518	561	576	578	571	559	555	538	541	556	561	557	563	563	563	570	556	0	0 40	599	8 32	506	93
26				573	561	562	554	555	549	548	552	563	579	570	558	551	539	535	534	540	547	552	556	561	573	562	559	556	0	21 16	596	13 41	526	70
27				560	559	554	555	554	552	557	562	574	582	584	571	554	546	535	533	536	546	552	553	555	558	557	554	556	0	10 18	588	15 45	527	61
28				555	554	553	554	549	546	549	551	559	580	584	584	573	550	530	527	541	546	554	556	561	567	580	570	557	0	10 44	592	14 44	521	71
29				568	557	549	547	541	550	553	553	564	579	585	577	554	543	531	531	543	541	547	555	562	568	566	561	555	0	10 38	589	14 48	523	66
30				559	557	557	555	551	548	549	548	556	558	562	559	557	556	551	543	544	551	551	553	556	553	552	556	553	0	3 10	568	16 08	542	26
31				558	556	552	548	543	549	552	542	541	549	553	549	551	548	537	527	527	529	546	553	561	565	569	572	549	0	24 00	574	16 19	521	53
MEANS ALL DAYS				564	562	555	556	556	556	555	559	571	582	580	571	555	540	526	521	530	540	548	555	564	567	566	566	556						95
MEANS TEN DAYS ✻																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
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[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 55

DECLINATION

JUNE 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

JUNE 1946

DAY	✱	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				576	575	566	559	563	559	559	555	560	565	565	560	553	543	536	536	538	549	553	558	558	560	562	560	557	0	1	03	580	14	43	529	51
2				565	565	555	557	556	559	558	562	563	572	572	568	564	552	540	530	534	545	551	554	559	560	564	567	557	0	9	44	580	15	52	528	52
3				568	564	560	560	559	558	558	554	562	567	572	569	562	549	538	535	539	549	551	556	560	559	563	563	557	0	10	58	572	16	01	534	38
4				558	558	558	556	558	559	557	554	558	571	577	577	567	562	548	537	540	548	557	558	560	568	572	568	559	0	22	08	588	15	55	534	54
5				565	559	554	554	557	557	557	556	562	567	567	562	562	559	547	538	540	545	550	553	559	567	566	560	557	0	21	52	569	15	46	536	33
6				559	559	558	557	550	556	568	569	559	565	572	572	559	550	539	529	528	536	549	570	555	559	567	568	556	0	19	15	588	16	19	521	67
7				566	564	560	562	560	560	560	558	565	571	575	573	564	556	540	528	525	538	538	547	564	564	605	587	560	1	22	47	633	19	05	515	118
8				608	604	582	564	548	570	569	568	580	580	574	562	558	545	536	519	539	556	553	558	572	572	599	581	567	1	1	03	622	15	11	504	118
9				602	568	552	553	564	573	545	546	557	571	587	560	559	551	535	528	534	545	548	560	566	583	602	572	561	0	22	01	636	15	18	519	117
10				575	567	560	556	556	563	556	560	571	576	575	568	560	550	542	538	540	546	549	550	552	560	561	563	558	0	0	23	584	15	03	533	51
11				576	561	560	553	556	555	555	554	565	572	577	574	557	545	529	529	528	535	552	541	558	560	566	565	555	0	0	46	587	14	40	519	68
12				567	566	557	558	557	558	556	549	550	556	566	564	552	546	537	528	540	540	539	534	537	556	574	580	553	1	23	41	602	19	48	512	90
13				596	586	597	591	576	574	560	560	562	569	567	554	545	548	553	529	537	534	538	547	553	559	569	569	561	0	2	24	606	15	43	520	86
14				570	572	567	567	565	566	564	558	559	564	568	570	564	561	552	535	535	541	550	555	557	559	569	565	560	0	1	30	578	16	58	525	53
15				565	562	559	557	560	562	559	555	563	570	569	562	559	543	528	518	528	538	538	546	555	562	564	565	554	0	9	40	574	15	33	517	57
16				566	560	559	560	555	563	565	567	577	576	574	563	554	546	536	533	529	538	545	538	551	563	569	562	556	0	8	16	580	14	58	526	54
17				558	558	553	544	529	538	559	546	555	556	557	540	546	533	517	528	549	562	565	567	(562	560	560)	560	550	0	9	19	572	4	02	504	68
18				557	554	548	550	556	558	549	554	568	572	571	572	550	552	545	538	535	546	552	553	560	565	565	570	556	0	24	00	583	16	37	531	52
19				578	584	571	546	539	549	538	519	509	514	512	534	553	550	539	534	563	545	539	552	569	571	584	576	549	1	16	38	598	9	48	487	111
20				572	567	560	565	544	538	548	532	543	548	563	565	574	568	553	545	547	556	555	559	567	562	562	564	557	0	0	20	578	4	56	524	54
21				559	560	553	542	550	556	554	553	554	564	573	579	565	549	536	527	525	540	555	565	564	566	567	566	555	0	12	14	584	16	20	515	69
22				560	553	554	550	532	535	547	527	538	553	574	581	570	552	535	532	540	550	552	553	557	562	562	560	551	0	10	55	593	4	53	511	82
23				560	560	560	558	562	560	558	557	565	572	574	572	564	555	539	529	540	548	552	558	560	562	560	559	558	0	10	35	578	15	46	518	60
24				558	556	554	555	556	556	558	564	577	590	591	575	550	533	529	531	539	546	550	553	556	557	559	558	556	0	10	28	597	15	02	525	72
25				556	552	550	549	549	553	558	567	577	593	586	572	544	530	516	518	526	535	546	552	557	559	562	560	553	0	9	26	602	15	07	507	95
26				567	554	558	555	556	555	555	562	575	585	587	567	547	541	541	540	540	541	543	544	553	558	570	573	557	0	10	03	592	16	32	535	57
27				578	572	568	565	560	559	565	558	580	586	581	569	548	532	525	518	517	531	537	545	555	566	572	567	556	0	9	40	593	17	09	511	82
28				567	562	557	554	551	544	553	565	574	586	586	576	554	542	534	534	537	546	550	552	556	562	560	558	557	0	10	41	593	14	41	518	75
29				557	551	550	542	536	542	549	549	554	571	577	571	553	548	553	552	551	566	564	574	587	608	626	637	565	1	23	28	646	4	56	527	119
30				641	620	624	591	567	567	552	560	576	584	587	583	573	570	560	543	541	548	553	558	559	564	563	568	573	0	1	14	671	4	38	530	141
31																																				
MEANS ALL DAYS				572	566	562	558	554	557	556	555	562	570	573	567	558	549	539	532	537	545	549	554	559	564	571	569	557								75
MEANS TEN DAYS ✱																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✱ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
[ ] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 56

DECLINATION

JULY 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1946

DAY	✲	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				567	567	568	561	561	554	554	558	571	584	586	577	561	543	535	531	535	542	548	553	553	558	560	564	556	0	10	05	588	15	30	529	59
2				562	563	560	554	556	556	553	556	567	577	577	578	554	540	521	524	524	540	547	550	553	560	568	568	554	0	11	21	585	15	16	517	68
3				567	572	567	561	558	554	552	549	557	575	584	582	555	548	526	504	507	528	515	538	554	555	567	574	552	0	11	07	588	16	19	495	93
4				567	564	558	553	554	553	551	556	567	576	581	572	557	541	533	531	539	547	547	547	553	560	566	565	556	0	10	19	585	15	21	527	58
5				561	559	558	553	552	554	555	559	567	575	576	575	564	544	534	532	538	548	552	555	556	557	560	564	556	0	10	04	582	14	56	527	55
6				556	553	552	552	551	550	552	558	574	586	592	581	560	542	533	534	537	544	548	551	555	556	559	560	556	0	10	14	597	14	24	530	67
7				567	561	554	545	554	554	551	554	567	586	593	579	543	530	526	529	522	536	545	539	553	561	570	567	554	1	10	25	597	14	40	510	87
8				586	577	571	589	589	574	533	515	528	549	571	576	572	568	557	537	537	546	556	547	549	551	561	558	558	0	4	05	601	7	46	497	104
9				548	551	551	548	556	552	547	543	557	572	573	572	569	550	532	533	533	534	540	539	542	543	561	575	551	1	9	46	610	14	54	519	91
10				575	558	549	551	543	540	535	542	551	567	577	571	568	555	539	523	520	526	528	543	550	556	557	557	549	0	0	06	585	15	59	517	68
11				558	572	566	558	553	549	549	539	557	566	575	555	543	530	524	516	510	527	533	538	548	552	558	560	547	1	1	26	589	15	38	508	81
12				560	559	560	559	559	550	554	555	563	577	579	571	557	546	540	525	531	529	537	544	549	551	553	554	553	0	10	02	581	15	39	518	63
13				549	551	550	548	550	551	550	549	559	575	581	568	548	533	526	523	528	538	537	530	539	549	548	554	547	0	10	05	586	15	24	518	68
14				558	552	554	551	550	548	548	549	559	570	572	568	560	550	522	515	501	523	518	517	523	533	587	567	546	1	22	31	619	16	22	492	127
15				569	568	547	543	544	546	541	541	549	566	569	559	539	520	509	508	527	539	543	548	550	552	554	554	545	0	0	22	580	14	55	502	78
16				550	548	542	546	547	546	548	542	558	571	584	579	559	538	529	530	538	539	540	548	559	557	557	558	551	0	10	42	589	14	23	523	66
17				554	553	543	539	538	540	538	537	541	549	558	559	549	539	519	519	528	548	542	550	557	570	550	555	545	0	21	11	595	15	34	508	87
18				550	549	546	540	540	536	529	538	553	570	580	579	570	559	544	529	528	531	535	541	554	549	570	587	550	1	23	56	612	17	03	509	103
19				559	570	590	605	560	550	523	537	548	567	563	561	553	544	522	502	506	527	537	530	545	539	569	569	549	1	3	21	622	15	33	487	135
20				568	564	555	557	548	549	559	548	551	564	571	561	559	541	528	526	527	538	543	546	548	549	549	548	550	0	10	28	575	15	30	520	55
21				546	540	539	540	541	546	546	548	554	569	571	563	549	538	519	519	524	532	539	548	548	549	554	551	545	0	10	14	577	16	00	514	63
22				549	544	539	540	538	528	539	529	558	579	588	577	550	536	526	519	525	535	539	548	551	563	558	558	546	0	10	27	589	15	38	517	72
23				559	563	549	548	532	537	533	518	533	560	579	567	557	539	520	517	528	538	539	523	542	549	559	561	544	0	10	49	582	19	43	498	84
24				551	550	551	548	552	553	551	549	560	574	590	591	565	543	526	517	523	536	540	543	544	552	550	550	550	0	11	15	601	15	45	516	85
25				549	548	547	539	547	546	546	549	563	581	590	578	560	544	526	510	515	523	538	546	549	553	558	557	548	0	10	38	591	16	18	506	85
26				554	549	541	542	544	544	537	534	548	551	572	565	544	528	518	508	509	534	539	550	553	549	551	544	542	1	10	51	585	16	08	505	80
27				544	542	525	393	484	496	496	542	618	596	644	609	714	671	661	534	527	534	544	549	559	563	564	558	561	2	10	47	849	6	01	307	542
28				554	548	547	549	550	558	566	575	591	607	605	591	569	547	529	523	527	538	548	548	570	556	556	550	558	0	9	19	611	15	37	519	92
29				549	549	528	533	541	522	518	526	560	590	588	579	565	542	520	501	513	527	541	549	559	558	558	557	545	1	9	42	626	15	17	486	140
30				576	568	539	549	549	549	540	540	561	599	602	585	553	517	507	496	519	539	542	549	549	585	559	558	551	1	21	29	641	15	27	486	155
31				549	549	548	548	544	548	549	558	575	580	590	590	580	563	538	527	520	529	537	538	535	537	540	545	551	0	9	48	596	15	51	518	78
MEANS ALL DAYS				558	557	551	547	548	546	543	545	560	574	583	575	563	546	532	521	524	535	540	543	550	554	559	560	551								100
MEANS TEN DAYS ✲																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 57

DECLINATION

AUGUST 1946

2 ° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1946

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				551	549	551	552	555	555	553	554	575	586	580	575	553	528	515	518	526	533	541	541	541	543	543	545	548	0	9	24	594	14	55	510	84
2				550	548	551	551	554	555	556	560	572	580	580	572	559	542	523	515	519	528	534	538	539	542	543	551	548	0	10	23	583	15	31	513	70
3				551	552	552	553	556	555	554	560	572	579	578	565	546	530	521	518	521	528	538	540	544	545	548	549	548	0	10	00	585	15	12	516	69
4				549	548	548	547	550	550	553	558	572	579	579	580	571	554	538	524	520	526	535	539	546	548	549	550	551	0	11	26	582	16	04	516	66
5				548	545	546	549	550	549	551	553	564	579	582	572	566	558	544	529	527	534	539	539	539	545	547	550	550	0	10	09	585	15	48	523	62
6				549	549	548	544	545	545	549	554	566	575	575	564	553	539	530	527	523	523	520	536	546	551	557	560	547	0	9	54	578	18	23	512	66
7				558	551	550	553	551	555	551	550	552	572	580	566	551	539	518	492	502	515	533	547	560	586	597	611	552	1	23	07	639	15	28	485	154
8				588	597	591	547	560	548	552	558	563	572	584	582	566	553	533	519	519	529	539	542	545	549	550	551	556	0	1	41	607	15	54	514	93
9				549	548	549	548	550	552	546	546	558	579	584	579	563	547	532	527	529	532	538	544	544	549	552	553	550	0	9	33	590	15	23	523	67
10				554	554	554	549	549	545	542	538	545	555	571	578	573	559	532	517	522	535	539	542	545	545	546	547	547	0	11	51	579	15	45	513	66
11				550	549	544	547	548	552	550	544	571	582	587	583	560	514	510	516	523	532	545	550	550	550	551	552	548	0	10	29	590	15	28	493	97
12				555	536	558	547	522	530	518	525	541	536	566	578	560	539	523	517	527	536	541	542	548	549	549	551	541	0	11	04	583	6	07	505	78
13				545	544	545	544	542	538	513	534	570	581	591	585	570	554	531	526	528	535	541	543	546	545	545	546	548	0	10	26	593	6	55	499	94
14				544	544	543	542	548	547	548	549	562	572	580	569	551	536	526	514	519	547	554	557	584	558	559	556	550	1	20	20	629	15	28	507	122
15				554	546	549	551	516	534	549	554	558	517	544	560	556	549	539	529	531	542	552	546	548	548	550	551	545	0	8	13	566	4	41	487	79
16				550	549	547	558	542	523	543	546	565	581	589	583	565	542	530	513	522	548	549	544	547	551	553	554	550	0	17	54	591	15	34	504	87
17				551	546	542	520	521	554	530	534	560	575	582	581	562	538	513	498	522	530	533	556	545	556	586	562	546	0	22	38	604	4	08	461	143
18				554	547	536	532	536	530	534	543	565	581	590	596	576	552	533	521	521	533	544	(544	545)	544	545	547	548	0	11	22	597	15	51	513	84
19				546	544	541	538	541	529	535	540	529	551	565	562	557	548	530	522	525	534	540	543	544	545	546	546	542	0	10	57	567	8	38	514	53
20				545	544	542	543	543	543	541	549	565	580	592	583	565	541	525	521	521	529	540	542	544	544	545	546	547	0	10	20	594	15	35	518	76
21				542	543	544	542	535	541	544	549	563	573	572	565	552	535	527	524	527	533	540	542	544	545	545	546	545	0	10	23	577	14	57	521	56
22				544	543	543	544	542	544	535	549	563	582	593	589	575	548	528	523	523	529	536	541	542	542	544	545	548	0	10	14	594	15	15	521	73
23				544	544	544	544	544	545	546	551	565	582	589	589	571	542	526	522	524	532	538	541	542	543	544	544	548	0	11	17	591	15	20	519	72
24				543	543	543	543	544	546	549	556	569	586	586	585	579	546	529	511	520	527	535	538	541	542	546	544	548	0	9	58	589	15	50	503	86
25				540	540	540	539	540	542	540	538	551	561	568	569	575	558	542	528	528	532	539	540	541	542	543	543	545	0	9	58	579	15	27	523	56
26				542	541	543	544	545	545	542	543	555	569	583	583	566	539	518	510	519	527	534	535	538	540	541	543	544	0	11	01	588	15	30	509	79
27				545	545	545	545	546	545	544	547	566	585	595	595	574	531	510	506	511	527	534	534	541	542	543	544	546	0	10	58	599	15	26	505	94
28				544	542	544	545	540	538	524	533	561	585	599	596	576	545	520	510	519	531	536	539	541	541	547	547	546	0	10	43	605	15	21	509	96
29				545	545	544	541	541	540	541	552	579	599	611	600	566	525	497	495	510	519	536	538	540	541	542	544	545	0	10	45	612	14	56	491	121
30				544	547	548	547	545	544	547	559	575	582	574	565	558	533	519	518	524	529	534	539	540	541	545	549	546	0	9	26	583	15	00	513	70
31				548	547	545	542	541	542	553	585	610	602	597	559	523	473	464	491	504	520	522	536	540	572	584	583	545	1	8	12	622	14	04	431	191
MEANS ALL DAYS				549	547	547	545	543	544	543	549	564	575	582	578	563	540	523	516	521	531	538	542	545	548	551	552	547								87
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
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[ ] = APPROXIMATE. MAGNETIC STORM
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⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 58

DECLINATION

SEPTEMBER 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				582	570	550	550	549	550	562	580	602	602	592	581	559	529	519	519	524	528	532	540	547	549	549	555	555	0	8	46	608	14	37	518	90
2				550	542	541	542	545	547	551	576	597	603	582	568	544	524	515	520	529	535	540	542	549	551	553	554	550	0	9	13	613	14	17	509	104
3				552	548	541	547	550	555	567	579	608	610	597	566	547	524	505	501	511	525	534	536	541	548	556	562	550	0	8	29	617	15	06	496	121
4				562	558	556	555	558	558	556	578	598	608	597	573	547	526	507	504	515	516	558	544	551	568	556	562	555	0	10	00	618	15	32	494	124
5				556	547	553	547	548	547	561	567	577	584	579	566	546	527	515	514	516	524	532	548	565	552	556	557	549	0	9	10	588	14	59	506	82
6				568	568	566	556	552	557	558	572	587	596	597	582	556	540	535	526	530	535	539	546	546	548	548	548	556	0	9	42	601	15	50	526	75
7				549	548	547	546	546	546	546	552	566	575	577	568	551	535	515	517	507	505	505	530	559	573	566	555	545	0	20	51	595	17	38	487	108
8				548	551	558	548	558	557	556	568	587	590	593	578	551	527	505	504	515	523	534	536	547	548	549	555	549	0	10	14	598	14	49	496	102
9				557	557	557	557	567	567	566	564	586	588	585	571	542	516	515	517	527	535	536	537	537	545	556	578	553	0	8	48	595	14	14	512	83
10				579	578	547	557	557	556	548	567	569	579	578	573	557	542	535	525	525	527	532	539	546	548	578	548	554	0	20	10	610	2	25	505	105
11				548	546	545	546	547	548	537	526	557	578	590	588	576	556	541	537	536	536	546	545	556	558	556	552	552	0	10	19	595	7	17	517	78
12				548	549	543	537	547	546	547	556	567	587	588	578	556	531	511	505	522	533	539	555	567	567	558	547	549	0	9	43	598	15	28	504	94
13				546	546	546	539	535	535	535	566	593	609	609	598	564	527	515	514	524	533	537	537	546	547	547	548	550	0	9	52	619	15	30	511	108
14				547	547	546	543	537	545	555	563	579	592	598	579	556	534	516	511	516	528	537	539	545	546	546	546	548	0	10	23	605	15	27	506	99
15				546	545	544	544	536	537	537	551	580	598	607	589	566	517	507	507	516	526	535	536	536	540	541	549	545	0	10	12	618	13	52	504	114
16				549	547	542	546	547	547	548	559	587	607	609	592	558	533	506	504	512	526	535	535	(536	536)	536	540	547	0	10	42	613	15	10	500	113
17				558	588	640	598	576	567	578	549	558	586	587	580	561	535	525	515	506	516	535	541	541	548	550	547	558	1	2	24	662	16	46	504	158
18				542	554	548	548	537	555	565	588	589	578	625	578	521	488	477	458	456	455	483	551	627	616	598	614	548	1	23	07	749	16	11	403	346
19				609	513	617	594	578	567	589	603	588	576	557	541	548	547	535	536	527	537	558	574	586	566	598	578	568	1	21	07	803	21	24	444	359
20				557	546	546	540	519	536	558	568	576	589	588	583	567	548	525	509	▽				▽	547	548	549		0	(9	17	602	4	38	494	108)
21				549	546	537	540	539	539	547	562	587	600	607	591	566	536	520	517	526	533	542	551	541	546	556	557	551	0	10	10	612	15	11	516	96
22				548	505	547	557	547	539	530	548	574	586	588	597	578	526	516	510	535	533	542	685	524	668	698	484	561	2	22	04	924	23	52	211	713
23				463	588	608	547	588	589	604	605	589	532	535	534	535	548	536	555	566	585	576	567	576	577	619	567	566	1	1	00	670	0	01	303	367
24				495	598	567	571	495	486	506	518	537	555	567	556	541	527	517	530	540	546	562	567	547	546	546	549	540	1	1	21	652	5	09	420	232
25				548	549	552	552	555	556	556	566	578	586	586	577	558	535	515	512	522	530	537	542	546	546	547	551	550	0	9	37	589	15	12	508	81
26				555	555	552	553	547	548	555	567	588	598	606	598	576	545	510	502	506	521	537	537	537	546	552	556	552	0	10	20	607	15	50	497	110
27				547	547	546	546	547	546	552	575	587	608	588	569	545	526	504	500	496	519	531	526	536	569	567	584	548	0	9	28	620	15	57	493	127
28				609	558	584	581	588	567	557	567	578	581	568	546	506	486	461	456	494	507	509	495	610	567	599	549	547	1	20	24	705	15	26	439	266
29				606	620	618	638	588	551	560	557	557	530	555	572	565	547	539	536	542	547	546	547	566	567	576	588	567	1	3	51	670	5	05	480	190
30				589	577	587	576	577	577	585	585	603	603	599	576	545	517	499	486	495	505	540	539	563	555	555	567	558	0	9	06	619	15	50	482	137
31																																				
MEANS 1) ALL DAYS				555	557	562	557	553	551	556	566	581	587	588	575	552	529	514	512	518	527	537	547	554	560	566	557	553								165
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

1) Twenty-nine days only, omitting incomplete day September 20.

TABLE 59

DECLINATION

OCTOBER 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120^{TH} MERIDIAN MEAN TIME)

OCTOBER 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				569	567	574	548	561	568	567	584	590	592	585	557	525	499	491	474	493	536	536	538	536	557	582	568	550	0	9	01	602	15	35	473	129
2				555	557	550	548	556	566	572	582	602	607	605	586	552	536	516	512	522	531	536	538	557	565	584	554	558	0	9	56	612	15	02	507	105
3				552	555	555	550	554	557	563	569	577	578	570	543	516	501	501	515	525	534	536	538	539	548	556	551	545	0	8	18	582	14	19	495	87
4				560	550	549	547	555	562	567	579	592	596	584	560	542	526	514	512	515	536	528	536	544	541	547	550	550	0	9	34	600	16	00	507	93
5				566	562	556	556	561	562	574	578	583	579	569	550	535	525	515	506	516	519	527	526	534	544	597	585	551	0	22	36	623	15	11	502	121
6				565	573	541	563	558	560	568	580	592	597	598	580	550	516	514	507	509	525	526	532	537	539	547	554	551	0	10	00	607	15	29	505	102
7				560	551	556	562	547	536	555	556	576	587	582	567	541	520	507	505	505	510	518	546	543	554	571	582	547	0	23	27	598	16	30	502	96
8				575	558	557	551	550	556	563	576	591	587	572	551	510	494	488	497	508	520	524	528	531	535	538	540	542	0	8	48	602	14	20	487	115
9				540	546	546	550	559	565	577	598	614	613	596	546	505	487	486	496	516	535	557	535	545	554	548	544	548	1	9	29	632	14	53	464	168
10				546	546	547	542	548	553	542	541	(569)	596	588	568	534	506	503	505	520	535	541	545	546	551	551	552	545	0	10	00	608	14	52	496	112
11				547	546	545	537	519	526	559	585	602	608	591	556	524	496	487	495	514	528	528	534	537	539	547	567	542	0	9	25	614	14	23	486	128
12				547	546	547	536	537	548	568	588	599	608	584	544	507	484	484	503	519	535	537	537	537	541	542	542	542	0	9	31	618	14	10	476	142
13				544	546	545	546	545	552	562	584	588	601	587	560	527	504	494	497	509	526	529	533	535	537	538	540	543	0	9	34	602	14	46	493	109
14				543	543	544	545	547	554	564	579	596	607	605	583	547	515	489	488	502	525	533	533	533	534	537	545	545	0	9	45	613	15	10	484	129
15				542	543	543	544	539	547	562	575	595	608	612	592	548	518	498	495	516	527	529	533	536	535	540	541	547	0	10	04	616	14	54	489	127
16				541	542	542	547	548	554	565	564	586	603	602	580	540	498	490	498	518	537	537	537	547	546	547	544	546	0	10	03	609	15	08	488	121
17				540	545	544	542	537	535	562	580	597	601	593	565	531	505	488	496	513	526	531	534	537	539	543	544	543	0	9	29	606	14	34	486	120
18				546	547	547	549	554	559	569	581	598	607	608	593	557	524	506	506	516	523	529	532	535	536	541	543	550	0	9	29	618	15	00	504	114
19				545	545	545	545	548	552	561	570	590	604	612	592	561	537	515	506	513	521	524	527	534	535	538	543	548	0	10	17	614	15	30	505	109
20				544	547	556	551	547	544	548	549	547	579	597	583	547	508	493	489	506	518	522	525	529	537	547	549	540	0	11	12	613	14	55	474	139
21				549	546	548	550	550	557	561	577	586	597	599	579	542	(508	490)	496	509	526	535	538	540	541	543	544	546	0	10	28	605	14	40	488	117
22				547	546	545	547	547	553	565	586	611	625	624	604	561	518	488	480	496	515	521	526	535	540	540	543	548	0	10	00	632	15	18	475	157
23				546	547	547	547	549	553	565	580	597	603	602	587	555	525	499	496	566	515	523	528	535	537	549	555	550	0	10	30	607	15	20	494	113
24				544	546	546	546	548	551	562	588	606	607	597	570	527	499	493	498	508	527	536	529	537	566	551	548	547	0	8	50	617	14	39	489	128
25				551	549	547	547	548	555	572	587	607	607	582	547	504	480	475	487	506	527	526	528	534	535	537	543	541	0	9	11	618	14	10	472	146
26				554	555	565	560	562	570	578	595	591	601	567	545	514	485	473	486	497	515	528	546	539	535	538	553	544	0	9	27	610	14	32	458	152
27				562	560	542	561	552	536	523	544	566	549	535	534	500	492	489	490	494	556	541	552	549	562	570	563	538	1	17	12	599	13	49	476	123
28				541	559	559	562	554	574	586	604	599	590	584	570	546	524	514	516	526	528	534	535	546	548	547	555	554	0	7	33	615	0	12	494	121
29				556	536	550	551	557	567	579	587	589	583	562	531	507	491	490	501	521	526	539	548	540	556	560	554	545	0	8	46	594	14	15	485	109
30				546	546	549	550	546	565	579	590	601	600	589	561	526	504	500	507	516	522	536	533	537	540	544	541	547	0	8	43	608	14	17	494	114
31				550	547	546	547	553	561	576	600	610	606	582	556	528	508	501	499	505	514	526	531	526	557	553	544	547	1	21	27	617	15	50	497	120
MEANS ALL DAYS				551	550	549	549	550	555	565	579	592	598	589	566	533	508	496	499	513	526	531	535	538	545	551	551	547								121
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 60

DECLINATION

NOVEMBER 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				549	571	585	579	585	592	596	612	624	613	584	550	517	491	484	490	505	519	535	542	559	551	559	583	557	0	8	00	634	14	25	479	155
2				582	565	544	544	549	549	562	579	600	608	593	566	541	512	499	504	509	518	529	538	550	550	546	548	549	0	9	03	611	14	06	496	115
3				548	547	545	535	539	554	567	587	608	611	605	574	539	505	489	489	501	519	533	536	536	537	540	544	545	0	8	50	616	14	55	484	132
4				550	550	549	549	553	558	568	593	600	597	584	564	535	510	503	504	508	517	530	534	533	536	546	540	546	0	7	56	605	15	04	502	103
5				543	544	547	549	553	568	581	594	609	615	597	562	521	484	473	494	515	531	527	520	525	527	536	546	544	0	9	33	618	14	30	469	149
6				541	541	543	552	556	567	573	591	609	617	605	567	527	508	507	518	529	537	545	565	536	544	587	573	556	0	9	03	627	14	16	500	127
7				561	542	552	548	552	566	584	599	604	615	589	560	521	499	497	506	524	535	534	534	537	538	542	545	549	0	9	47	620	14	47	496	124
8				548	543	542	541	545	553	569	588	597	589	576	553	526	506	496	497	508	525	531	537	543	541	539	539	543	0	7	57	599	14	57	494	105
9				544	541	538	536	545	556	579	591	584	580	553	528	505	490	485	498	515	528	541	546	539	552	541	541	540	0	7	44	604	14	33	481	123
10				540	541	540	542	546	556	564	576	608	598	574	545	519	500	495	504	519	532	531	530	531	535	545	547	542	0	8	49	625	14	51	493	132
11				555	550	541	523	538	545	570	597	603	603	577	559	511	494	486	496	511	528	537	534	529	533	537	538	541	0	7	59	610	14	29	484	126
12				540	544	541	539	530	536	558	591	615	630	630	597	538	501	490	493	506	522	529	529	534	537	542	555	547	0	10	23	641	14	18	465	156
13				548	546	532	521	533	550	569	591	608	620	607	580	532	496	485	486	502	520	527	533	535	543	547	544	544	0	9	27	651	14	39	481	170
14				544	540	544	542	541	541	552	571	589	604	602	581	543	514	495	493	503	517	530	539	540	540	541	542	544	0	9	57	611	15	08	490	121
15				541	541	540	541	544	546	563	580	589	582	567	541	511	494	485	489	493	514	519	531	543	543	564	577	539	0	8	04	594	16	00	473	121
16				563	559	557	553	562	575	584	590	590	570	548	539	521	509	506	516	528	534	550	553	551	543	544	546	550	0	8	25	612	14	16	502	110
17				549	548	550	542	553	536	572	594	605	600	589	567	541	521	512	511	519	533	538	(539	536)	538	540	542	549	0	8	04	610	15	10	508	102
18				546	548	545	544	544	535	548	575	588	582	569	549	524	506	494	500	510	522	529	529	533	538	546	547	540	0	9	48	593	14	33	493	100
19				548	546	546	550	551	558	573	587	587	589	575	561	533	511	508	488	504	518	546	543	534	537	545	569	546	0	9	47	598	15	10	486	112
20				553	549	547	538	538	538	515	557	576	589	601	588	559	530	506	497	510	522	529	529	536	550	594	564	546	0	22	05	627	6	16	475	152
21				554	552	556	559	554	573	590	624	641	616	606	575	539	519	498	499	492	529	536	550	568	558	573	569	560	1	8	44	673	14	41	486	187
22				560	553	558	556	560	584	590	596	610	599	569	536	512	495	483	491	513	528	534	536	539	545	553	548	548	0	8	27	621	14	39	480	141
23				535	542	545	544	547	566	589	612	618	608	586	552	524	497	486	491	506	522	533	532	541	553	550	545	547	0	8	16	619	14	09	485	134
24				545	545	544	545	550	561	585	610	620	606	585	545	501	461	442	456	467	476	495	499	515	526	551	540	532	1	8	15	623	14	48	435	188
25				552	551	549	552	556	565	587	607	610	606	600	574	540	511	487	491	504	519	541	548	559	576	572	576	556	0	7	53	622	14	48	479	143
26				558	568	573	536	543	562	571	571	569	576	563	539	517	500	498	503	517	533	540	542	541	547	552	553	545	0	9	26	583	13	30	495	88
27				539	552	549	548	554	563	582	602	620	628	612	580	542	508	492	494	511	530	538	536	537	538	542	544	552	0	9	10	632	14	45	491	141
28				546	548	546	546	552	560	586	604	615	613	589	565	535	518	505	501	510	517	526	527	531	534	537	540	548	0	9	17	619	15	29	500	119
29				543	544	546	548	552	560	581	605	621	620	603	575	533	495	478	484	503	521	532	532	533	538	544	543	547	0	8	33	624	14	40	476	148
30				544	542	543	(543	547	555	565	575)	577	574	559	544	522	504	495	495	511	523	534	535	536	535	540	542	539	0	8	10	581	15	07	489	92
31																																				
MEANS ALL DAYS				549	548	548	545	549	558	572	592	603	602	587	560	528	503	492	496	508	523	533	536	539	542	550	551	546								131
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
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[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 61

DECLINATION

DECEMBER 1946

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DECEMBER 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				545	546	545	544	548	542	555	581	607	619	613	586	561	525	512	512	521	534	543	539	535	539	542	542	552	0	9 26	621	15 00	504	117
2				550	564	564	564	563	573	596	605	615	618	606	575	534	496	482	493	503	524	534	534	535	542	545	554	553	0	9 49	627	14 22	481	146
3				549	554	547	545	554	551	574	585	591	584	560	524	498	481	482	498	514	531	535	536	539	539	543	545	540	0	7 58	604	14 02	477	127
4				545	543	543	544	549	565	586	605	607	586	566	536	503	482	482	493	512	525	534	534	534	534	535	539	541	0	8 44	616	14 10	480	136
5				541	543	545	554	555	570	595	606	611	595	581	552	528	513	511	515	532	533	534	552	557	545	541	552	553	0	8 14	621	14 34	503	118
6				555	547	544	542	534	545	570	596	615	617	598	575	544	524	521	524	534	543	544	534	534	534	535	538	552	0	9 24	628	15 05	514	114
7				535	539	542	548	544	554	584	604	624	613	594	564	535	513	504	510	524	533	534	534	534	534	535	538	549	0	8 22	639	14 08	496	143
8				545	554	553	548	551	565	586	614	619	613	583	543	513	484	475	483	502	525	545	546	537	541	544	544	546	0	8 18	634	13 57	472	162
9				543	543	541	535	544	554	579	606	616	626	611	585	555	534	514	513	522	534	544	541	535	536	544	543	554	0	9 23	630	14 54	507	123
10				543	544	536	535	533	553	583	608	636	627	595	562	522	492	483	492	513	526	535	544	544	543	550	571	549	0	8 55	645	14 38	481	164
11				557	547	544	544	554	554	565	605	617	616	581	534	492	465	459	472	494	514	533	543	534	543	555	559	541	0	9 07	637	14 15	454	183
12				564	546	535	513	543	549	574	606	631	641	626	596	563	530	503	500	511	523	541	560	565	566	576	575	560	0	9 37	653	14 58	494	159
13				564	555	544	535	545	562	577	595	616	616	610	588	554	514	482	482	494	511	515	524	532	542	556	554	549	0	8 21	623	14 51	473	150
14				545	538	535	538	543	555	573	585	596	596	585	565	543	512	501	493	510	517	526	532	533	535	534	536	543	0	8 50	604	15 08	479	125
15				540	540	540	543	546	556	583	661	597	584	565	545	526	512	503	502	506	521	533	539	535	535	535	535	545	0	8 01	606	14 30	501	105
16				539	543	544	544	553	560	586	616	627	607	589	575	559	543	522	511	512	513	522	532	533	(533	534)	535	551	0	8 39	628	16 00	509	119
17				539	541	535	536	544	554	564	596	627	616	594	565	544	513	498	498	507	522	534	526	528	545	541	534	546	0	8 40	645	14 37	494	151
18				536	542	544	546	553	573	587	615	632	617	596	564	525	503	492	494	494	504	514	521	524	529	536	537	545	0	8 20	642	14 36	488	154
19				535	536	542	545	553	565	593	617	617	613	582	534	507	492	482	477	476	487	511	534	576	564	565	566	545	0	9 04	636	16 00	464	172
20				555	544	570	559	564	575	597	606	605	597	584	543	522	513	514	528	534	535	534	539	541	543	543	544	554	0	8 07	623	13 05	511	112
21				544	545	545	548	553	561	575	595	605	587	(568)	541	519	511	509	503	500	518	525	528	535	542	552	548	544	0	8 35	609	16 13	494	115
22				544	540	541	547	555	566	584	597	607	601	584	559	544	512	493	497	509	522	530	533	534	539	535	535	546	0	8 23	621	14 34	491	130
23				531	542	551	555	560	569	585	597	610	595	575	551	523	492	481	487	494	508	527	541	563	553	548	543	545	0	8 24	618	14 08	476	142
24				544	535	537	544	552	565	576	606	627	636	597	554	524	494	492	494	512	532	533	528	533	534	544	544	547	0	9 29	644	13 37	483	161
25				538	537	537	537	543	546	567	586	615	634	627	595	554	517	502	497	512	525	534	535	533	535	538	539	549	0	9 53	638	14 30	494	144
26				538	541	535	535	535	506	535	586	613	615	595	557	517	504	494	498	505	522	522	538	545	543	544	553	541	0	8 58	622	16 24	489	133
27				554	554	554	554	549	562	585	606	614	607	584	540	506	482	467	472	484	502	521	525	529	534	535	543	540	0	8 53	617	14 47	466	151
28				546	545	534	532	545	554	545	555	586	600	595	561	525	506	492	488	503	514	531	533	534	534	544	545	539	0	9 49	615	15 13	482	133
29				546	551	551	553	554	563	574	590	610	611	597	575	547	517	502	492	501	513	523	524	533	534	537	534	547	0	8 57	616	15 30	487	129
30				545	549	548	554	555	560	575	586	591	579	565	544	530	523	514	512	516	525	533	534	533	533	534	538	545	0	8 38	596	15 30	511	85
31				538	544	545	545	554	556	565	575	584	576	562	534	514	502	492	493	507	523	528	530	533	533	535	535	538	0	8 26	588	15 10	489	99
MEANS ALL DAYS				545	545	544	544	549	558	577	600	612	608	589	559	530	506	495	498	508	521	531	535	538	540	543	545	547						136
MEANS TEN DAYS *																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧖ = NO RECORD

TABLE 62

HORIZONTAL INTENSITY

JANUARY 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				793	795	797	802	800	803	811	806	800	794	795	806	807	798	793	789	778	766	764	753	761	758	759	765	787	0	6	36	812	19	43	749	63
2				774	776	789	777	777	779	784	785	785	786	781	785	796	804	797	789	781	777	779	779	776	776	774	777	783	0	13	14	805	23	44	769	36
3				793	790	779	780	783	787	789	792	790	786	790	785	783	785	785	787	829	812	821	721	700	739	758	807	782	2	23	39	898	19	30	683	215
4				732	704	739	721	748	730	737	707	711	682	686	697	701	723	729	737	703	696	722	730	729	728	729	738	719	2	4	33	782	17	02	673	109
5				751	744	755	748	746	744	740	744	750	749	743	737	738	746	751	759	760	757	757	761	760	759	762	765	751	1	0	01	773	10	54	732	41
6				769	770	770	770	772	769	771	764	762	771	772	762	754	754	756	762	770	776	778	779	774	772	767	769	768	0	19	31	782	13	17	751	31
7				794	791	787	777	779	778	782	781	780	779	780	778	773	770	772	779	782	782	781	777	766	766	772	771	778	0	0	46	807	20	36	761	46
8				776	779	785	783	779	781	781	778	774	773	771	773	777	770	777	788	786	782	779	780	781	780	778	779	779	0	15	51	791	13	27	767	24
9				779	781	783	784	784	784	785	784	783	778	771	766	766	763	768	771	776	778	783	786	790	792	790	786	780	0	21	56	798	13	40	761	37
10				785	785	785	790	785	784	788	792	798	803	806	809	810	803	798	799	800	804	802	804	816	814	811	799	799	0	20	32	820	5	12	782	38
11				791	788	791	799	802	801	795	787	784	788	790	788	779	758	755	770	786	783	783	778	780	777	781	786	784	0	4	34	805	14	14	739	66
12				780	786	783	782	784	791	788	792	791	789	789	788	783	778	776	776	779	773	769	768	774	771	771	776	781	0	8	10	795	19	26	765	30
13				779	784	792	783	780	779	776	774	777	778	782	782	783	782	779	780	780	779	780	782	785	786	789	790	782	0	2	45	795	7	30	774	21
14				790	790	792	792	788	790	793	792	788	787	781	778	777	778	780	782	782	785	785	789	790	790	790	790	787	0	3	31	796	12	38	775	21
15				787	786	788	789	793	795	798	798	799	798	793	790	790	786	785	786	793	796	795	792	(791	789)	791	800	792	0	23	55	803	15	02	782	21
16				802	804	804	806	804	804	791	785	790	782	774	775	778	783	794	794	793	791	788	789	789	789	778	778	790	0	5	21	809	11	42	770	39
17				777	779	782	788	789	791	789	780	775	770	774	786	799	815	815	805	796	787	785	792	794	796	794	793	790	0	15	15	821	9	16	768	53
18				794	800	807	817	804	799	794	789	779	771	768	766	764	768	768	776	781	776	776	770	768	769	773	774	781	0	2	56	831	12	11	761	70
19				773	778	781	778	789	787	779	780	775	762	761	752	754	762	764	768	782	785	780	786	785	785	782	781	775	0	19	32	794	11	59	748	46
20				782	782	782	785	790	795	797	799	796	783	770	764	772	777	777	779	782	782	782	785	789	789	790	789	784	0	7	03	800	11	03	762	38
21				788	789	788	789	790	792	795	795	791	786	780	776	775	779	782	785	792	792	793	792	794	794	791	788	788	0	21	02	797	12	15	773	24
22				788	791	790	796	797	799	802	807	807	788	767	756	750	748	745	750	773	776	779	778	773	783	788	786	780	0	8	17	813	15	08	736	77
23				789	789	792	792	791	794	798	802	790	778	758	760	778	793	797	793	799	791	780	771	772	782	782	782	786	0	7	14	804	10	59	751	53
24				783	785	785	786	789	791	795	796	788	775	755	762	770	778	777	764	776	780	772	781	771	802	758	783	779	1	21	23	826	22	45	748	78
25				788	772	781	796	782	773	771	772	780	779	772	761	752	757	766	767	773	777	781	781	781	786	791	791	776	1	22	45	815	12	26	749	66
26				783	785	793	787	783	784	788	785	782	777	769	769	780	792	789	788	783	774	771	778	784	781	782	792	782	0	2	38	799	11	03	762	37
27				788	813	788	777	775	778	781	779	768	767	770	771	786	797	789	782	776	783	786	787	788	786	787	785	783	0	1	12	826	9	48	764	62
28				788	791	792	792	791	788	786	783	777	777	780	788	798	799	789	778	781	782	790	791	791	788	788	792	788	0	13	17	804	9	12	774	30
29				792	793	796	795	791	793	798	798	791	792	793	789	783	785	801	798	796	793	788	783	785	787	781	788	791	0	14	26	808	22	19	772	36
30				790	791	792	793	795	795	791	786	783	784	780	783	795	796	803	804	808	806	798	796	794	796	799	795	794	0	17	22	815	11	02	775	40
31				796	798	798	801	801	787	790	794	790	780	772	768	780	788	789	791	799	803	798	796	794	790	792	794	791	0	16	56	807	11	13	765	42
MEANS ALL DAYS				783	784	786	786	786	785	786	784	782	777	773	773	775	778	779	780	783	781	781	779	778	781	780	784	781								51
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧗ = NO RECORD

TABLE 63

HORIZONTAL INTENSITY

FEBRUARY 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				800	792	789	790	786	786	789	793	787	781	770	771	784	792	792	792	793	792	791	796	793	790	789	789	789	0	1	00	803	10	46	766	37
2				788	788	790	790	790	793	796	794	793	768	761	768	767	776	770	781	791	786	785	787	785	778	783	785	783	0	6	50	798	10	03	755	43
3				788	786	785	785	785	788	792	786	773	779	789	792	803	823	814	801	798	796	791	789	788	797	802	787	792	1	13	33	827	8	36	772	55
4				789	794	792	790	785	782	776	772	769	753	739	738	735	740	739	743	761	771	764	756	766	753	760	761	764	1	0	48	804	14	08	728	76
5				759	764	768	772	774	777	768	768	758	756	751	753	747	749	750	753	751	761	763	765	767	768	768	769	762	0	23	31	784	12	51	744	40
6				769	770	771	769	772	779	782	779	775	763	763	765	772	769	767	770	786	780	781	781	772	771	772	775	773	0	16	44	791	21	03	758	33
7				776	778	778	780	780	788	796	787	780	774	770	772	774	771	762	761	763	765	804	816	725	703	701	718	768	2	19	10	973	21	27	646	327
8				724	704	742	704	724	791	705	666	608	552	565	596	601	611	642	646	668	725	722	722	708	705	706	710	677	2	5	28	825	9	26	419	406
9				733	728	723	727	722	714	718	715	713	715	714	711	709	710	713	726	721	733	736	732	734	738	745	741	724	1	22	42	749	12	33	708	41
10				737	737	739	738	733	731	733	735	736	735	735	729	721	718	728	747	746	745	748	752	760	759	763	758	740	0	20	50	767	13	59	714	53
11				752	748	746	746	749	747	749	750	756	760	756	759	757	757	759	758	760	759	760	761	761	759	761	757	755	0	20	56	764	3	08	743	21
12				755	756	755	757	757	757	757	757	(760)	770	777	782	781	771	763	752	748	752	756	757	757	755	750	749	760	0	12	27	783	23	59	741	42
13				740	742	744	744	751	760	752	751	748	748	747	747	745	746	758	760	768	773	768	766	770	769	763	763	755	0	15	55	778	0	20	738	40
14				765	764	764	764	766	766	766	762	754	753	761	773	784	785	791	779	760	723	748	741	736	738	743	743	760	1	14	48	804	18	05	718	86
15				744	749	760	764	760	749	759	761	755	738	732	750	742	751	762	775	770	768	766	(766	764)	773	768	768	758	1	15	28	785	10	26	722	63
16				764	763	763	768	772	770	771	769	761	760	764	769	775	776	770	769	768	771	772	773	771	773	776	776	769	0	22	52	784	9	03	759	25
17				776	777	778	777	783	786	790	788	777	764	749	747	747	753	760	764	767	774	774	775	776	775	776	776	771	0	6	48	793	12	18	739	54
18				779	779	777	778	779	777	778	777	770	759	752	755	766	766	771	774	776	779	781	783	779	781	786	791	775	0	23	42	797	10	42	749	48
19				791	789	794	799	794	787	786	782	777	775	777	779	790	780	779	785	775	760	750	766	772	769	768	780	779	1	15	04	815	18	48	745	70
20				779	785	780	785	769	765	769	772	767	755	749	751	761	768	769	771	773	771	769	775	774	774	773	774	770	0	3	26	790	11	01	743	47
21				779	777	772	785	767	782	776	785	760	739	732	712	705	709	711	703	701	693	707	735	716	705	723	718	737	1	3	00	798	17	23	683	115
22				732	744	737	734	741	747	751	751	746	734	719	713	725	744	761	764	770	763	747	756	759	761	764	759	747	0	15	25	770	11	10	710	60
23				754	757	761	761	764	766	772	771	762	751	742	736	731	741	743	753	738	742	734	734	771	757	765	779	754	0	23	12	787	16	27	726	61
24				769	761	779	776	767	768	770	772	767	764	763	763	761	753	756	767	769	768	767	760	764	768	770	768	766	0	2	54	786	13	30	751	35
25				772	773	775	794	770	770	773	773	767	760	755	750	750	755	762	771	767	762	760	751	752	758	765	771	765	0	3	22	801	11	52	747	54
26				772	770	771	776	776	776	773	768	766	765	761	762	760	760	759	754	764	765	769	775	776	771	771	773	768	0	19	19	778	15	18	749	29
27				774	779	786	777	776	776	779	776	773	772	770	770	770	773	779	782	783	785	785	784	781	781	780	782	778	0	2	01	790	11	31	769	21
28				780	781	782	783	783	783	785	779	767	758	754	755	759	766	775	785	791	792	792	792	791	790	788	788	779	0	17	39	795	11	10	754	41
29																																				
30																																				
31																																				
MEANS ALL DAYS				766	766	768	768	767	770	768	766	758	750	747	749	751	754	757	760	762	763	764	766	763	761	764	765	761								72
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
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[ ] = APPROXIMATE. MAGNETIC STORM
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⌈ ⌋ = ESTIMATED
∇ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 64

HORIZONTAL INTENSITY

MARCH 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1946

DAY	✲	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				786	786	788	791	792	793	793	791	781	774	769	740	745	771	781	778	732	729	748	751	753	756	756	754	768	1	5	30	796	17	00	707	89
2				763	765	768	771	771	774	774	758	759	733	728	748	761	745	754	758	760	760	770	773	773	768	763	763	760	1	19	48	782	10	09	721	61
3				763	764	765	766	767	769	769	768	760	754	756	762	776	782	782	781	778	774	772	774	774	772	772	772	770	0	14	24	785	10	28	750	35
4				772	772	774	774	778	781	784	783	772	766	769	767	767	776	774	767	757	757	760	754	764	771	764	759	769	0	6	57	786	19	31	750	36
5				756	760	767	770	784	786	761	757	746	745	739	727	744	756	748	759	760	756	754	749	734	737	756	737	754	1	4	41	795	11	31	721	74
6				752	754	753	756	756	763	759	758	757	749	751	734	746	742	744	749	752	752	754	749	749	754	766	766	752	0	22	50	779	10	45	724	55
7				762	768	774	773	768	768	766	772	762	749	741	735	740	755	758	750	753	750	747	756	766	763	767	767	759	0	3	18	776	11	29	734	42
8				768	770	773	772	765	768	771	771	771	770	775	780	785	781	779	773	769	768	770	773	773	773	768	768	772	0	12	36	785	4	03	763	22
9				769	772	775	772	779	780	775	777	774	774	777	780	782	784	782	776	775	778	782	784	790	792	785	767	778	0	21	29	795	23	56	755	40
10				757	745	763	776	774	768	771	776	769	762	758	761	771	786	796	777	782	758	763	771	775	768	763	782	770	1	16	40	812	1	21	735	77
11				780	770	769	772	805	778	743	729	713	709	726	732	729	730	731	738	741	741	744	745	750	758	752	758	748	1	4	56	812	9	10	694	118
12				765	763	763	769	763	756	756	760	748	748	755	759	755	754	756	763	759	759	763	765	765	767	768	768	760	0	3	39	773	8	10	746	27
13				768	768	768	768	767	768	769	(770)	768	766	771	773	766	767	768	768	766	768	766	768	770	773	773	773	769	0	21	30	776	9	32	764	12
14				775	780	785	773	772	773	776	773	765	758	754	760	765	768	772	773	774	773	770	775	773	776	773	771	771	0	2	02	790	10	23	753	37
15				773	774	786	781	778	778	777	771	763	763	772	777	777	778	777	778	779	763	754	(752	754)	752	757	748	769	0	2	42	795	20	08	744	51
16				767	766	769	775	774	771	773	772	766	758	751	748	750	753	761	770	775	774	781	782	780	780	785	785	769	0	22	50	796	11	50	748	48
17				782	783	783	783	785	785	787	789	789	791	784	799	784	790	777	780	775	781	778	771	771	759	765	769	781	1	11	38	810	21	36	754	56
18				786	794	770	772	778	780	774	773	765	765	765	769	775	778	778	776	778	773	778	778	779	778	780	781	776	0	1	26	803	9	49	762	41
19				781	784	786	781	781	780	780	777	(767)	761	757	750	751	758	764	768	774	779	779	782	780	781	781	783	774	0	2	10	788	12	27	747	41
20				785	784	791	799	801	800	794	804	806	794	796	794	784	776	780	781	784	784	787	775	772	774	779	785	788	0	8	02	815	19	58	761	54
21				780	777	778	782	785	784	783	787	782	777	770	777	789	793	788	762	785	788	789	780	775	771	777	779	782	0	13	25	805	10	52	762	43
22				781	780	777	778	780	784	784	780	780	776	775	775	772	779	791	762	732	746	755	757	747	754	769	762	770	1	14	39	797	16	12	715	82
23				763	764	765	769	772	780	781	805	772	772	773	776	773	771	770	765	769	772	772	776	775	772	778	786	774	0	7	20	814	0	31	760	54
24				774	779	787	788	780	784	783	751	668	614	662	670	680	684	683	683	672	683	672	648	641	612	612	654	698	1	6	04	802	21	55	593	209
25				679	676	687	697	701	699	699	707	684	674	658	689	688	687	656	651	639	616	602	633	621	601	630	608	662	2	7	23	719	24	00	576	143
26				571	579	615	660	630	664	655	624	652	639	653	666	643	638	652	657	658	655	680	687	665	684	679	687	650	2	2	01	733	1	30	551	182
27				704	725	739	722	730	729	729	727	726	715	719	728	725	724	722	720	720	720	715	712	711	706	710	742	722	1	23	19	774	0	01	691	83
28				731	732	733	740	754	752	738	752	744	721	710	696	691	695	742	795	786	697	616	574	444	384	(283)	354	661	2	16	35	854	22	37	<267	>587
29				419	469	475	530	558	560	555	575	582	590	621	632	632	634	644	654	667	679	688	686	686	681	683	691	608	2	19	05	745	0	01	365	380
30				697	698	702	707	711	713	718	726	729	727	728	731	729	722	724	727	728	732	739	736	737	737	737	739	724	0	23	16	743	0	02	691	52
31				740	740	742	745	749	746	744	742	735	731	734	738	739	736	723	730	739	728	720	736	719	733	737	740	736	0	4	38	751	14	49	713	38
MEANS ALL DAYS				744	746	751	755	758	759	756	755	746	740	741	744	746	748	750	751	749	745	744	744	738	735	734	739	747								>93
MEANS TEN DAYS ✲																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 65

HORIZONTAL INTENSITY

APRIL 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

APRIL 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				744	745	744	746	749	746	745	752	757	745	722	732	725	721	716	711	715	728	730	722	725	732	734	742	734	0	8	10	760	15	54	702	58
2				745	742	745	751	753	758	756	749	740	735	742	732	724	714	722	722	723	725	723	723	726	739	730	736	736	1	5	13	759	13	34	711	48
3				741	748	747	748	750	758	754	749	746	739	736	734	729	726	728	[illegible]	742	744	747	746	745	748	746	747	743	0	5	48	764	13	16	723	41
4				748	748	752	749	749	749	753	753	751	746	734	737	735	731	733	40	745	747	748	748	746	751	753	760	746	0	23	24	763	13	54	730	33
5				752	754	756	758	759	759	763	761	755	742	737	740	746	745	746	748	752	755	759	760	755	748	738	734	751	0	6	22	765	23	29	733	32
6				744	745	745	741	747	752	754	751	750	753	757	754	747	738	739	744	747	748	746	749	755	756	754	752	749	0	10	23	759	3	30	733	26
7				750	750	752	767	760	758	755	752	745	738	732	740	740	750	752	748	747	753	756	750	755	752	745	741	750	0	3	09	772	10	29	729	43
8				746	750	753	757	760	762	763	763	761	758	756	757	754	747	732	740	750	752	755	760	761	753	756	760	754	0	6	53	765	14	32	726	39
9				761	759	766	773	772	770	769	769	773	773	776	776	772	769	770	766	782	767	723	720	725	708	721	718	757	1	16	39	796	23	53	706	90
10				716	725	734	740	743	742	746	751	739	739	744	745	741	739	739	746	751	755	754	745	751	749	752	753	743	0	17	48	758	0	01	709	49
11				754	755	756	757	757	756	755	756	752	745	741	743	744	738	738	747	752	755	754	760	759	761	761	760	752	0	22	40	762	13	59	734	28
12				761	761	761	763	765	767	771	774	770	764	757	753	753	757	762	768	771	770	772	766	767	769	765	760	764	0	7	54	775	12	02	750	25
13				761	766	769	778	776	795	790	781	770	763	758	758	762	760	742	753	756	747	758	767	765	767	760	763	765	1	5	42	805	14	34	731	74
14				768	764	768	781	775	775	763	768	763	755	750	748	746	751	757	764	772	768	752	731	724	750	728	734	756	1	3	10	786	19	57	714	72
15				739	745	750	754	757	758	760	758	749	729	693	723	732	729	716	675	683	689	686	688	745	672	658	717	721	2	7	02	767	22	19	643	124
16				698	712	736	723	725	727	729	729	728	732	738	738	736	741	742	744	746	750	752	(750	746)	749	748	749	736	1	19	03	754	0	31	695	59
17				750	750	750	753	754	751	752	752	744	744	748	745	743	743	741	748	756	761	762	759	754	750	756	759	751	0	18	37	763	14	36	738	25
18				759	759	760	761	762	761	760	762	763	760	755	754	756	757	756	755	755	746	738	744	748	753	761	759	756	0	22	43	767	18	31	734	33
19				760	761	761	764	769	769	770	771	770	766	763	758	756	754	749	752	759	761	764	766	768	768	767	768	763	0	8	00	772	14	54	745	27
20				767	768	768	766	766	769	767	767	765	762	756	752	751	751	752	757	761	765	769	772	771	774	773	771	764	0	19	51	776	12	30	750	26
21				772	768	769	771	773	775	776	777	776	771	766	767	771	769	764	761	766	770	780	780	779	777	775	777	772	0	19	04	781	15	31	759	22
22				775	774	773	778	779	779	781	785	784	779	769	764	761	762	764	791	789	757	746	748	761	767	767	769	771	1	15	03	803	19	29	742	61
23				770	790	788	784	778	776	772	773	777	769	768	772	776	769	(754	737	719)	686	665	658	625	639	647	649	735	2	2	09	797	20	16	612	185
24				709	688	674	680	698	678	679	653	571	553	532	546	595	591	652	643	622	634	632	655	656	651	663	670	639	2	0	53	777	10	40	513	264
25				711	702	702	703	701	709	709	704	688	684	694	706	697	675	676	685	689	701	711	713	716	717	717	717	701	1	0	32	721	13	41	670	51
26				718	721	721	721	725	728	732	739	739	733	724	715	714	709	713	714	719	724	726	730	734	733	731	733	725	0	7	58	742	13	13	707	35
27				737	738	743	746	745	741	741	747	730	704	704	711	709	701	704	713	722	730	735	737	740	740	740	741	729	0	7	22	751	10	01	693	58
28				741	741	741	743	747	749	750	750	745	733	732	730	732	733	734	738	740	745	749	750	746	741	739	735	741	0	7	12	752	9	48	728	24
29				741	751	754	753	755	751	754	758	759	755	750	745	745	743	742	741	723	741	750	746	749	753	756	758	749	0	8	18	762	16	29	717	45
30				757	758	763	764	761	761	763	761	757	747	744	743	745	748	752	758	765	766	766	767	764	763	765	764	758	0	19	39	768	9	57	740	28
31																																				
MEANS ALL DAYS				746	748	750	752	754	754	754	754	747	741	736	737	738	735	736	738	741	741	740	740	742	741	740	743	744								58
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 66

HORIZONTAL INTENSITY

MAY 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MAY 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				762	766	768	768	766	769	770	772	773	771	765	756	747	743	730	733	745	750	754	758	757	758	758	760	758	0	8	27	774	14	51	727	47
2				772	766	764	767	760	760	761	767	764	760	764	764	759	752	744	737	746	757	759	760	761	763	760	761	760	0	0	47	776	15	15	735	41
3				766	776	771	769	769	768	771	774	776	774	766	748	742	744	743	754	764	770	771	773	776	776	776	773	766	0	20	46	777	12	11	739	38
4				772	774	766	776	779	776	777	780	771	773	769	760	751	746	745	747	746	738	742	755	752	757	757	755	761	0	3	44	782	17	51	732	50
5				752	756	756	761	763	762	765	771	775	773	767	763	754	748	743	754	767	775	777	779	780	780	780	779	766	0	20	08	783	14	25	739	44
6				780	779	783	785	783	780	788	794	793	782	769	766	789	773	736	730	755	770	760	751	760	761	765	767	771	1	12	23	813	15	03	718	95
7				769	771	772	770	767	766	784	807	806	807	797	786	761	729	685	696	711	718	722	724	720	727	732	735	753	1	7	03	817	14	57	669	148
8				734	735	739	741	743	748	752	754	753	745	738	733	730	724	706	720	728	742	746	737	738	755	752	756	740	1	21	02	779	14	13	695	84
9				754	752	749	756	754	757	755	768	767	750	729	718	707	714	708	694	689	717	720	711	708	712	703	728	730	1	8	06	776	16	19	676	100
10				720	730	749	752	749	744	732	737	741	741	734	730	728	709	701	735	752	756	755	766	762	760	766	767	742	1	23	20	772	14	21	695	77
11				777	771	770	773	772	776	786	793	778	763	740	736	738	745	732	700	670	730	736	734	736	729	739	729	748	1	6	46	801	16	40	625	176
12				748	749	747	749	752	752	753	757	760	758	747	743	743	743	742	748	754	750	747	750	752	752	756	757	750	0	0	53	764	0	00	724	40
13				756	759	761	762	762	764	768	770	766	758	747	735	743	741	743	743	752	762	764	765	765	765	764	764	757	0	7	39	772	11	19	731	41
14				765	765	766	769	769	769	772	779	779	778	769	760	760	755	757	761	767	772	773	772	774	772	774	774	769	0	7	45	781	13	45	753	28
15				774	773	774	777	779	778	780	783	788	789	784	773	762	761	757	761	764	768	767	(768	766)	769	772	775	773	0	9	39	789	14	40	755	34
16				775	777	778	778	778	781	782	785	787	787	777	770	764	759	763	771	776	780	776	774	777	768	776	778	776	0	8	56	790	13	18	756	34
17				778	776	775	781	774	777	780	783	787	779	776	767	762	770	767	772	778	786	788	785	780	772	765	762	776	0	18	38	791	12	27	757	34
18				758	755	760	765	768	771	773	778	783	782	763	753	756	758	754	753	733	741	743	748	742	744	753	755	758	0	9	24	785	16	38	727	58
19				772	768	771	770	771	775	778	782	784	782	778	772	766	760	757	760	767	772	773	776	776	777	776	774	772	0	8	36	785	14	33	755	30
20				774	774	777	780	780	780	783	790	794	795	789	779	772	763	759	761	775	786	788	788	786	786	785	786	780	0	8	56	796	14	41	757	39
21				785	785	784	794	804	788	804	805	787	764	763	764	758	736	710	707	713	714	699	706	720	709	716	763	753	1	4	58	816	18	07	696	120
22				739	745	761	763	751	751	749	757	765	773	769	749	683	692	702	670	691	693	693	705	697	712	731	743	728	1	3	00	779	15	50	661	118
23				739	751	751	759	746	749	746	737	744	727	734	745	748	742	736	727	724	730	750	743	772	751	750	752	744	1	20	33	798	9	33	716	82
24				759	757	759	765	760	750	754	764	765	756	736	715	713	715	726	735	741	746	746	754	755	754	756	768	748	1	23	06	797	12	42	710	87
25				752	762	768	762	760	759	766	766	766	772	754	750	735	725	730	741	748	757	761	757	753	758	761	759	755	0	9	11	776	13	56	719	57
26				770	766	764	763	763	766	763	769	765	762	744	735	754	758	753	754	760	764	757	756	756	768	767	766	760	0	21	26	777	11	22	731	46
27				767	767	766	768	768	769	772	774	773	770	767	765	759	756	751	754	766	772	774	774	775	774	774	773	768	0	20	25	775	14	58	747	28
28				773	776	780	778	777	779	782	784	789	783	768	762	753	745	736	737	744	753	759	762	757	755	757	765	765	0	8	51	791	14	15	734	57
29				762	761	767	767	766	769	772	779	782	782	773	764	759	743	733	733	743	748	749	749	749	753	754	760	759	0	8	13	784	15	00	728	56
30				764	766	770	775	776	772	772	777	782	782	781	781	776	771	769	771	777	783	784	784	782	781	779	777	776	0	18	00	785	14	36	769	16
31				773	777	777	780	783	784	786	782	791	793	780	759	743	735	730	723	719	734	740	743	757	761	759	757	761	0	8	45	797	15	54	710	87
MEANS ALL DAYS				763	764	766	768	767	767	770	775	775	771	762	755	749	744	737	738	744	753	754	755	756	757	758	762	759								64
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 67

HORIZONTAL INTENSITY

JUNE 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS
(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JUNE 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				756	760	763	769	771	774	777	781	791	796	791	775	763	756	755	764	774	779	779	780	779	779	777	776	774	0	9 14	797	14 07	751	46
2				773	772	777	778	781	784	786	787	791	789	781	781	780	775	774	777	779	783	783	783	782	782	781	781	781	0	9 15	792	1 17	770	22
3				782	780	780	781	781	782	784	785	787	790	788	781	779	776	774	779	783	788	789	790	790	789	788	786	784	0	19 03	792	14 04	772	20
4				783	785	785	785	787	787	788	793	802	805	800	792	785	776	779	777	777	779	787	788	785	772	767	773	785	0	9 18	806	21 50	763	43
5				775	777	780	781	781	782	784	787	790	790	788	785	779	775	775	776	777	780	780	780	781	782	782	783	781	0	9 44	791	14 17	774	17
6				783	782	781	783	798	795	787	791	800	800	797	785	776	769	774	777	775	762	750	749	750	745	752	763	776	0	8 12	803	19 08	739	64
7				766	769	774	775	776	778	782	786	787	790	786	777	773	770	773	781	793	798	790	751	736	719	733	730	771	1	17 49	807	22 01	708	99
8				718	718	726	730	749	748	749	749	749	743	735	740	737	735	735	730	735	760	768	754	754	746	739	742	741	1	18 23	788	16 03	709	79
9				761	758	764	767	771	768	766	786	789	782	757	738	742	741	737	737	752	761	768	768	766	752	752	755	760	0	7 51	797	15 19	732	65
10				754	756	754	758	760	762	766	773	777	776	777	775	773	769	765	767	771	773	774	774	768	762	765	778	768	0	23 44	792	0 20	750	42
11				767	766	772	772	775	774	776	778	783	790	791	781	769	766	762	751	755	758	761	761	760	767	768	773	770	0	10 38	794	15 50	746	48
12				772	770	781	761	784	786	788	792	797	796	793	795	792	792	795	776	777	782	776	763	748	751	753	761	779	1	13 42	798	22 44	736	62
13				743	745	750	751	751	757	773	782	781	780	772	771	757	740	746	754	755	756	742	763	755	756	763	765	759	0	7 53	784	13 30	734	50
14				763	763	769	771	772	772	773	776	783	788	791	789	762	768	759	756	757	768	775	777	778	776	778	778	773	0	10 30	793	16 31	751	42
15				775	773	773	772	775	776	775	779	784	782	773	771	766	764	758	748	763	770	772	771	772	773	775	774	771	0	9 01	785	15 13	741	44
16				775	775	775	774	779	779	779	780	781	783	782	781	781	782	781	779	772	773	763	763	762	773	776	782	776	0	23 46	787	20 18	754	33
17				780	778	778	778	778	779	783	756	748	757	738	736	720	704	717	735	750	759	758	755	(751	747	758)	762	754	0	6 01	790	13 43	700	90
18				761	763	766	767	769	773	770	781	782	759	757	767	761	753	760	762	765	762	765	765	764	764	765	762	765	0	7 59	786	10 09	748	38
19				766	767	769	759	772	776	771	766	763	751	747	753	758	737	729	739	721	731	719	726	739	745	766	756	751	1	5 05	777	16 31	707	70
20				754	752	759	757	754	759	764	765	759	756	765	759	747	746	750	751	751	755	757	761	765	767	768	766	758	0	22 23	770	13 12	743	27
21				767	768	767	772	777	774	771	772	774	769	767	765	767	739	746	738	728	749	761	764	765	764	766	768	762	0	4 28	780	16 41	718	62
22				766	770	771	768	776	786	783	781	782	774	770	775	770	763	758	763	773	778	780	777	776	782	774	774	774	0	5 16	791	14 01	754	37
23				777	771	774	774	773	772	773	776	775	773	776	777	778	770	758	740	746	762	768	769	773	774	775	776	770	0	12 16	780	16 02	733	47
24				777	777	777	778	779	780	782	785	786	780	771	773	770	763	767	774	781	784	785	787	786	786	786	786	779	0	19 30	787	13 12	761	26
25				786	785	787	787	789	789	791	791	787	786	779	767	748	748	758	759	762	752	770	775	773	775	776	773	775	0	6 29	793	17 17	743	50
26				769	779	772	771	774	777	778	777	773	765	762	764	758	756	761	770	776	776	775	774	770	761	758	757	769	0	1 14	787	22 58	751	36
27				755	765	772	771	771	772	774	775	775	779	779	778	770	768	772	762	754	752	769	769	764	764	765	769	768	0	10 54	780	17 21	744	36
28				770	775	780	779	785	776	775	780	784	790	796	797	784	780	772	772	781	788	788	788	789	790	790	792	783	0	12 07	803	12 32	759	44
29				792	793	793	791	793	792	793	796	805	803	794	793	783	763	767	754	738	731	730	729	723	727	726	724	768	1	8 39	808	20 01	721	87
30				724	728	742	760	790	768	742	746	755	758	755	751	750	739	737	742	749	755	756	759	759	757	758	755	751	0	4 06	803	0 26	714	89
31																																		
MEANS ALL DAYS				766	767	770	771	776	776	776	778	781	779	775	772	767	759	760	760	762	767	768	767	765	764	766	767	769						50
MEANS TEN DAYS *																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE, MAGNETIC STORM
- ( ) = INTERPOLATED
- △ = RECORD OFF SHEET
- ⌈ ⌉ = ESTIMATED
- □ = CLOCK STOPPED
- ▽ = LAMP OUT
- ⧖ = NO RECORD

JULY 1946

TABLE 68

HORIZONTAL INTENSITY

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1946

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				755	758	758	760	761	763	766	767	767	766	761	755	748	743	742	749	760	768	772	773	771	769	774	773	762	0	23	03	775	14	25	740	35
2				770	767	768	770	774	777	780	784	785	781	776	765	755	748	750	744	750	758	766	766	760	769	773	772	767	0	7	51	786	15	32	741	45
3				770	773	771	771	771	772	777	782	783	786	787	786	768	758	765	750	740	748	732	750	759	757	759	757	766	0	10	57	790	18	29	694	96
4				762	762	763	763	768	771	775	779	779	770	777	771	766	768	765	766	769	775	774	761	750	751	765	769	767	0	7	48	781	20	42	749	32
5				769	768	769	770	772	776	777	779	778	773	768	766	766	767	771	770	771	778	780	780	779	780	779	779	774	0	21	12	781	12	33	765	16
6				775	772	772	772	772	775	780	783	787	785	783	783	785	784	782	781	781	782	785	783	777	773	771	774	779	0	13	20	788	22	16	769	19
7				779	777	773	776	782	778	781	788	788	786	782	787	768	766	761	775	784	789	781	756	755	756	754	761	774	1	17	37	805	14	01	729	76
8				758	748	741	748	742	742	744	753	766	763	752	738	722	711	706	715	723	729	740	756	759	748	756	761	743	0	23	22	771	14	31	703	68
9				762	759	759	761	762	762	765	774	778	781	784	795	791	793	781	780	784	791	770	763	757	745	747	748	770	1	12	03	798	21	11	741	57
10				748	752	760	756	762	766	766	768	772	771	766	762	757	751	750	753	758	763	761	770	772	772	772	769	762	0	19	23	775	0	45	746	29
11				769	786	764	761	763	765	769	767	773	776	761	744	756	764	767	759	761	769	769	768	767	762	767	768	766	1	1	20	794	11	29	737	57
12				768	769	772	768	767	767	770	774	776	777	776	770	756	746	739	738	744	746	762	763	764	765	767	769	763	0	9	29	779	15	01	736	43
13				771	770	770	770	771	774	776	780	782	782	775	761	754	750	757	766	770	777	778	774	774	777	779	780	772	0	9	06	783	13	30	748	35
14				779	779	779	779	779	781	786	791	794	793	788	783	774	773	776	771	768	776	780	773	760	746	734	729	774	1	8	05	796	23	26	720	76
15				748	752	758	760	764	764	766	777	782	785	782	778	737	741	762	770	772	773	773	770	773	773	772	773	767	0	9	23	787	12	34	727	60
16				772	772	773	774	776	778	780	781	783	785	783	783	779	775	773	769	772	775	745	751	756	769	770	768	773	0	24	00	794	18	43	734	60
17				785	774	774	773	772	775	778	785	788	777	782	776	765	749	746	759	759	762	758	775	764	769	774	773	770	0	0	05	798	13	57	737	61
18				773	779	780	778	778	779	778	784	791	794	790	781	770	761	766	772	776	789	783	768	779	779	789	768	779	1	22	17	805	23	56	755	50
19				742	757	749	752	740	750	772	774	775	763	754	748	741	726	720	721	723	724	737	733	726	750	741	748	744	1	7	04	778	14	44	712	66
20				751	751	753	755	763	767	763	765	771	769	767	762	755	754	755	757	763	766	771	773	771	771	770	770	763	0	20	01	774	0	03	749	25
21				769	770	774	777	775	777	778	782	785	783	777	764	756	753	753	755	760	769	773	772	773	774	772	772	771	0	8	09	786	14	51	751	35
22				771	771	773	774	774	775	780	782	791	791	784	772	750	747	759	762	766	771	772	771	770	768	770	768	771	0	9	53	793	13	10	736	57
23				763	769	775	770	772	771	775	780	802	804	795	780	763	763	766	775	774	777	780	760	755	768	768	771	774	0	8	48	809	19	50	737	72
24				774	771	771	772	777	785	785	785	787	785	784	785	773	757	752	757	769	777	761	780	773	769	773	775	775	0	11	18	791	14	44	751	40
25				777	777	777	782	782	785	787	787	785	780	776	771	774	771	765	758	758	763	768	771	771	774	776	776	775	0	7	59	788	16	33	754	34
26				778	781	781	783	783	779	786	794	794	784	774	760	756	733	740	751	761	762	752	755	766	772	769	764	769	1	8	16	800	13	39	720	80
27				765	765	799	832	742	755	748	731	671	675	638	665	611	568	527	542	608	642	646	652	651	661	666	671	676	2	3	01	940	15	09	467	473
28				674	676	681	685	688	691	691	692	690	684	677	677	679	676	680	686	699	712	719	719	713	723	727	729	694	0	22	52	732	0	25	669	63
29				729	729	743	746	737	734	737	750	751	753	745	734	725	710	711	715	732	741	742	748	751	750	751	751	738	1	9	37	773	13	12	692	81
30				759	791	764	747	747	747	748	747	754	767	760	725	733	723	723	728	734	750	757	772	766	783	769	762	752	1	1	27	809	11	41	712	97
31				766	764	758	757	759	762	765	771	767	758	758	754	746	737	734	738	749	758	766	768	769	768	768	767	759	0	0	45	782	14	25	730	52
MEANS ALL DAYS				762	764	765	766	764	766	769	772	773	772	767	761	751	744	743	746	753	760	760	760	759	761	762	762	761								67
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[] = APPROXIMATE, MAGNETIC STORM
() = INTERPOLATED
⌈⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 69

HORIZONTAL INTENSITY

AUGUST 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				764	765	766	766	767	767	769	771	771	767	757	749	752	752	750	759	765	768	772	773	774	776	775	772	765	0	22	05	778	14	36	749	29
2				770	770	771	770	769	769	769	772	768	766	760	751	750	751	753	760	769	772	775	775	776	775	775	775	767	0	23	10	777	12	58	748	29
3				776	776	775	774	773	773	776	779	778	773	766	759	754	760	765	764	760	767	775	779	780	780	782	782	772	0	23	49	784	12	38	752	32
4				784	783	782	782	782	783	786	789	791	789	781	773	767	764	761	763	774	782	785	786	788	787	786	786	781	0	8	55	793	14	57	757	36
5				787	787	787	785	786	786	789	794	796	792	765	777	775	773	768	764	772	785	788	791	784	781	785	786	783	0	8	50	797	15	09	761	36
6				786	787	789	790	790	790	791	797	805	806	801	798	792	787	782	780	780	778	774	777	779	772	775	777	787	0	9	17	807	21	37	767	40
7				778	781	763	761	785	786	792	799	804	807	802	794	761	772	775	773	760	760	758	764	759	733	748	755	776	1	9	32	811	21	46	730	81
8				747	754	742	757	765	764	775	786	795	795	790	780	771	753	742	747	756	766	774	775	778	779	780	783	769	0	8	45	799	3	04	736	63
9				785	787	783	781	777	778	788	795	799	801	802	799	795	782	773	773	781	786	788	790	791	791	789	787	788	0	9	36	806	15	28	771	35
10				788	786	781	783	787	790	795	803	811	813	810	801	791	784	782	785	791	796	799	797	796	796	795	794	794	0	9	07	814	14	58	780	34
11				754	790	795	792	786	786	790	799	800	790	790	780	763	756	749	759	770	772	767	766	776	788	784	779	780	0	21	06	808	14	12	744	64
12				778	809	793	781	787	780	779	787	783	768	767	757	753	752	743	754	757	773	777	778	778	777	777	778	774	0	1	21	820	14	29	732	88
13				778	781	783	783	787	789	778	787	791	786	778	766	759	756	760	764	769	774	779	779	778	775	776	778	776	0	8	57	795	13	16	752	43
14				779	780	781	793	796	798	799	801	804	806	793	780	778	779	769	744	727	720	714	686	734	743	743	743	766	1	9	06	807	19	45	675	132
15				748	755	759	763	770	768	763	765	764	753	755	757	755	753	743	749	755	758	755	766	771	770	767	767	760	0	4	24	777	14	19	739	38
16				762	787	774	769	774	775	776	776	783	777	764	761	757	740	734	746	749	756	771	771	773	773	772	774	766	0	1	43	796	14	07	729	67
17				774	775	785	794	816	780	779	787	765	780	776	766	753	735	713	713	728	751	749	745	759	754	761	769	764	0	4	16	831	15	27	706	125
18				763	765	772	775	772	768	772	784	789	786	779	770	764	754	744	746	761	770	776	(776	775)	779	779	781	771	0	8	54	790	15	04	739	51
19				782	779	781	783	781	781	785	785	774	777	779	778	768	758	757	763	772	777	781	783	784	782	782	783	777	0	7	24	788	13	49	754	34
20				784	784	786	784	784	786	790	796	796	798	792	785	767	767	770	769	771	779	786	786	785	784	784	784	783	0	9	27	799	12	51	758	41
21				789	791	789	789	793	791	793	796	794	791	788	783	773	775	779	785	786	782	783	786	786	788	790	791	787	0	7	26	797	12	40	770	27
22				792	792	792	793	793	793	795	798	804	810	808	802	793	786	781	781	783	785	791	792	792	792	792	792	793	0	9	38	812	14	46	779	33
23				792	792	794	794	795	796	797	802	809	812	805	800	795	792	787	784	787	792	796	796	796	796	797	797	796	0	9	21	814	15	06	783	31
24				798	799	801	803	805	807	810	817	821	821	815	811	805	806	791	796	790	793	797	797	796	792	789	789	802	0	9	03	822	15	57	775	47
25				791	793	794	793	797	799	803	804	807	806	802	790	787	781	771	769	773	784	790	789	789	788	789	790	791	0	8	36	809	15	37	766	43
26				790	791	793	794	796	797	801	807	810	807	802	794	785	777	775	775	781	790	794	796	796	795	796	798	793	0	8	23	811	14	40	773	38
27				800	801	799	800	801	802	807	813	815	812	804	795	784	772	762	766	773	779	782	781	779	787	790	789	791	0	8	14	816	14	39	757	59
28				791	791	796	794	798	802	808	815	818	813	802	789	779	774	777	781	787	790	794	796	796	793	790	793	794	0	7	55	819	15	50	772	47
29				792	791	798	801	797	799	803	807	806	801	792	778	767	766	772	779	785	790	795	797	798	798	798	798	792	0	7	42	808	13	14	764	44
30				798	801	798	794	795	798	802	807	806	805	803	794	790	790	792	793	793	795	797	800	800	800	799	800	798	0	7	46	808	12	30	789	19
31				799	798	799	801	805	803	813	830	803	790	769	748	730	700	709	742	740	733	737	752	752	749	745	739	766	1	7	35	834	13	32	687	147
MEANS ALL DAYS				782	785	785	785	787	787	789	795	796	793	788	780	772	766	762	765	769	774	777	778	781	780	780	781	781								53
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE, MAGNETIC STORM
- ( ) = INTERPOLATED
- ⌈ ⌉ = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⊼ = NO RECORD

TABLE 70

HORIZONTAL INTENSITY

SEPTEMBER 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1946

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				735	737	742	745	749	757	763	768	765	760	753	748	751	757	759	762	764	764	768	775	775	772	770	773	759	0	20	04	778	0	46	732	46
2				773	773	775	777	780	781	786	792	793	785	781	776	773	776	754	754	767	773	780	784	784	784	785	784	778	0	7	59	795	15	16	740	55
3				783	785	790	786	785	782	787	791	793	791	778	766	756	752	750	760	772	778	777	777	777	777	777	774	777	0	2	28	795	14	12	749	46
4				775	774	777	779	782	785	800	809	820	826	819	803	785	776	755	756	760	753	747	749	761	766	760	760	778	0	9	41	828	18	22	735	93
5				763	775	774	771	774	774	776	777	781	787	784	779	772	774	774	768	765	766	772	779	783	780	776	779	775	0	20	14	788	15	59	761	27
6				799	782	777	778	780	783	788	794	794	800	796	779	771	771	779	785	788	792	794	795	795	795	794	793	788	0	0	19	808	13	34	766	42
7				794	794	795	795	797	800	802	806	810	814	812	809	804	800	800	796	792	756	751	754	753	740	748	766	787	0	9	50	815	21	44	732	83
8				771	773	773	779	782	776	785	791	789	782	779	771	768	769	773	766	767	772	772	779	779	783	784	785	777	0	8	00	793	16	02	761	32
9				786	786	799	793	789	786	785	789	793	795	796	787	776	771	768	777	782	787	789	789	787	785	773	768	785	0	2	28	806	23	58	760	46
10				767	772	802	782	777	780	782	783	787	792	795	792	784	777	774	776	751	740	770	779	779	769	776	779	778	0	2	46	820	17	19	729	91
11				779	780	784	788	786	791	782	786	802	806	800	795	784	777	775	779	779	781	771	776	783	787	787	785	785	0	9	20	809	19	02	766	43
12				791	792	789	802	796	795	794	794	796	794	791	784	779	782	780	766	762	784	784	783	788	777	777	782	786	0	3	08	807	16	10	749	58
13				786	785	787	790	793	795	793	796	800	796	792	788	773	762	778	787	791	794	797	796	794	792	789	788	789	0	7	59	801	13	19	754	47
14				791	792	794	795	800	801	798	793	789	790	792	793	787	777	773	773	776	784	792	792	792	795	795	793	790	0	5	29	803	15	04	770	33
15				795	794	795	797	798	798	802	805	811	810	802	790	778	775	768	776	780	793	799	802	802	801	799	796	794	0	8	48	812	14	18	762	50
16				796	796	799	801	802	804	805	807	807	807	801	792	782	784	787	790	796	797	800	799	800	(814	813)	805	799	0	7	48	808	12	59	780	28
17				802	810	768	783	757	749	757	756	756	761	771	766	745	734	741	745	750	754	757	757	756	756	757	764	760	1	1	46	819	13	26	728	91
18				775	771	769	772	770	776	772	771	778	738	685	653	648	642	644	641	618	618	641	651	633	605	629	690	695	1	8	14	794	20	49	569	225
19				667	703	723	684	687	700	711	706	687	683	683	674	688	695	688	690	697	708	705	687	671	721	695	715	694	1	21	16	800	0	13	631	169
20				718	723	727	731	746	742	744	744	740	749	744	736	728	719	714	710	722	△			△	752	755	755		0	(24	00	756	15	21	703	53)
21				756	756	762	768	760	763	766	769	766	769	766	755	746	744	746	751	758	760	762	765	766	765	763	763	760	0	3	19	774	13	50	742	32
22				766	806	804	796	793	788	793	796	805	799	796	775	769	631	612	625	650	662	672	△	591	738	618	594		2	19	35	911	20	12	512	399
23				673	643	637	661	672	680	702	709	725	671	705	703	663	664	652	665	660	657	651	640	640	634	652	690	669	1	23	42	747	0	29	574	173
24				747	719	729	723	729	705	717	707	701	715	715	707	710	720	721	727	741	744	755	763	751	751	758	752	729	1	0	08	800	8	08	680	120
25				754	751	753	752	754	754	761	768	767	763	757	752	746	749	756	757	758	761	763	764	766	766	761	760	758	0	7	41	769	12	17	744	25
26				764	765	764	764	767	768	770	770	768	768	767	763	757	754	751	749	753	757	762	761	768	766	761	760	762	0	4	50	771	15	34	746	25
27				763	766	768	771	772	775	778	778	776	770	766	774	771	766	764	741	726	737	756	760	755	752	750	749	762	0	6	53	781	16	54	716	65
28				773	759	759	773	742	750	760	747	754	759	746	743	756	761	738	712	707	713	700	685	725	685	657	685	733	1	3	21	800	23	14	651	149
29				669	690	720	719	716	716	711	674	665	682	700	697	700	706	706	719	731	735	735	736	733	736	718	723	710	1	21	18	741	7	58	656	85
30				738	744	740	753	749	748	744	747	759	744	738	728	724	718	718	724	721	719	725	744	745	748	748	778	739	0	23	40	803	13	42	707	96
31																																				
MEANS 1) ALL DAYS				763	763	766	767	766	767	771	771	773	770	767	760	753	751	749	750	750	753	756	758	759	757	755	762	761								74
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M$_{2}$ T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
$\overline{\triangle}$ = NO RECORD

1)Twenty-eight days only, omitting incomplete days September 20 and 22.

TABLE 71

HORIZONTAL INTENSITY

OCTOBER 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1946

DAY	✽	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				761	752	756	779	767	764	764	764	762	762	764	763	756	749	755	755	750	761	761	750	749	750	743	741	757	0	3	22	786	22	49	738	48
2				748	750	765	764	762	762	763	765	762	761	755	738	744	755	758	755	754	760	762	765	770	777	773	762	760	0	22	11	783	11	45	734	49
3				764	775	765	763	766	769	769	765	765	770	772	769	764	753	758	765	768	769	772	775	771	755	746	765	766	0	23	39	788	22	39	743	45
4				756	760	763	766	770	770	774	775	774	776	765	757	758	759	756	759	759	758	770	775	773	775	775	774	767	0	9	07	778	17	03	752	26
5				790	778	778	779	776	775	776	778	782	788	789	782	782	791	794	791	782	782	781	769	771	764	760	747	779	0	0	19	804	23	37	743	61
6				759	760	786	775	774	777	781	782	780	777	771	775	771	772	778	783	771	756	776	783	785	781	782	786	776	0	2	31	795	17	12	745	50
7				789	796	795	794	785	785	789	790	790	789	784	786	784	786	777	780	778	771	764	762	747	759	773	768	780	0	3	16	800	20	30	740	60
8				762	771	774	779	787	790	795	794	785	782	783	779	773	777	787	795	796	799	799	799	800	800	799	800	788	0	23	29	802	0	11	756	46
9				799	803	809	812	819	818	829	824	816	812	801	779	782	781	755	753	764	760	764	773	768	777	781	775	790	1	7	02	831	15	07	736	95
10				774	775	779	787	784	783	783	775	(774)	776	758	749	745	747	758	773	777	779	779	780	775	775	779	783	773	0	6	18	793	12	41	742	51
11				789	789	789	791	797	802	798	793	782	772	766	756	762	771	782	790	792	789	789	789	788	787	784	779	785	0	5	32	808	12	15	760	48
12				781	783	785	790	796	797	799	802	802	796	784	787	786	771	768	789	793	792	790	792	791	790	788	789	789	0	23	30	804	13	58	759	45
13				789	789	791	794	799	798	801	799	794	798	797	792	786	787	787	791	797	799	799	800	799	799	799	798	795	0	4	53	802	12	38	783	19
14				797	797	798	801	804	806	804	805	807	805	803	798	794	792	791	785	778	793	796	796	796	793	792	796	797	0	8	51	809	16	22	772	37
15				802	799	801	801	804	803	803	802	799	794	785	774	771	774	783	787	791	781	781	793	796	795	794	798	792	0	4	33	808	12	06	769	39
16				799	799	799	801	799	802	801	800	801	798	793	788	791	791	788	780	783	780	787	788	782	788	792	793	793	0	3	02	804	17	47	774	30
17				799	802	799	798	801	800	807	812	811	809	809	813	817	807	800	798	799	799	798	799	799	800	800	800	803	0	12	03	819	0	03	793	26
18				801	803	803	808	811	812	814	817	820	817	817	815	818	814	812	809	807	805	804	804	804	804	803	804	809	0	8	44	822	22	10	800	22
19				805	803	805	804	803	806	808	810	815	818	815	814	811	805	795	791	791	794	799	804	804	805	804	804	805	0	9	36	819	16	54	789	30
20				805	808	805	806	802	805	794	785	813	816	808	808	783	785	783	771	781	764	769	787	791	785	789	795	793	0	9	19	820	17	41	752	68
21				799	806	807	786	798	794	801	806	802	790	776	772	776	(774	777)	778	781	784	786	787	789	791	792	793	789	0	2	39	821	11	56	771	50
22				794	797	802	799	798	806	817	819	819	814	799	781	771	777	787	792	795	795	796	798	790	793	795	796	797	0	7	50	824	12	36	769	55
23				797	796	797	800	799	800	797	793	791	794	799	801	797	793	790	780	783	780	781	786	785	791	800	798	793	0	22	29	803	15	11	777	26
24				796	798	799	801	804	804	803	799	792	779	771	768	773	782	790	794	799	799	794	792	789	800	791	788	792	0	6	09	805	11	46	767	38
25				793	792	793	793	795	800	801	796	787	788	790	789	788	793	799	794	790	784	793	792	795	796	798	800	793	0	23	57	812	17	25	782	30
26				796	789	792	792	791	792	795	793	791	793	790	792	794	790	778	773	777	770	784	781	780	792	792	798	788	0	24	00	813	15	01	763	50
27				801	788	805	796	798	792	787	794	758	741	748	740	727	724	722	735	727	744	721	724	751	726	735	746	755	1	0	00	814	18	43	708	106
28				771	758	752	753	753	757	758	740	754	741	746	744	739	739	745	755	766	771	779	779	780	782	779	779	758	0	21	00	784	7	45	731	53
29				780	785	782	781	783	784	780	772	760	756	762	771	774	772	776	774	777	776	773	784	781	781	781	779	776	0	19	19	792	9	28	755	37
30				779	780	784	786	791	787	788	789	786	785	785	783	776	773	768	775	782	783	785	786	785	785	784	785	783	0	4	20	793	14	43	763	30
31				790	787	790	793	794	797	802	805	801	799	794	791	789	789	791	791	782	772	788	789	771	783	771	778	789	1	21	39	820	21	16	750	70
MEANS ALL DAYS				786	786	789	789	791	792	793	792	789	787	783	779	777	777	777	779	780	779	781	783	782	783	783	784	784								46
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
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[ ] = APPROXIMATE, MAGNETIC STORM
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⊼ = NO RECORD

TABLE

HORIZONTAL INTENSITY

NOVEMBER 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1946

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				789	790	775	768	769	773	776	773	763	749	741	743	747	751	749	752	752	742	740	742	758	749	750	749	758	0	0	57	814	19	09	736	78
2				751	760	762	768	767	773	779	778	775	768	762	760	764	772	758	752	765	775	778	779	783	785	783	784	770	0	23	45	789	15	03	748	41
3				787	787	788	791	794	791	793	792	782	776	783	792	801	799	800	795	798	797	798	796	796	796	796	798	793	0	12	32	805	9	17	775	30
4				798	800	799	801	801	803	805	804	800	805	809	806	802	796	795	796	801	806	805	795	795	797	795	800	801	0	10	31	810	22	00	793	17
5				800	803	808	808	813	814	813	812	812	813	810	806	804	795	790	790	800	808	810	805	805	815	810	813	807	0	17	26	833	14	38	784	49
6				815	819	824	838	834	842	838	837	826	827	826	825	820	814	805	794	783	769	757	744	777	776	768	765	805	0	3	03	848	19	14	730	118
7				768	779	782	779	778	780	779	770	773	761	779	775	765	771	780	786	790	791	793	795	794	794	792	793	782	0	23	56	804	12	24	762	42
8				798	797	795	795	797	800	802	801	795	793	795	792	789	785	785	789	795	799	799	800	798	800	801	804	796	0	6	58	805	14	28	783	22
9				804	805	808	813	810	810	808	796	796	796	807	814	808	798	794	797	798	795	793	802	800	792	800	800	802	0	11	44	816	18	09	789	27
10				803	806	810	813	817	811	814	818	810	803	796	809	817	814	809	809	808	806	807	807	808	806	808	813	809	0	7	07	821	10	24	790	31
11				813	812	809	818	823	818	816	809	795	782	768	768	780	784	784	779	780	785	783	797	804	806	805	805	797	0	3	31	828	10	51	759	69
12				805	808	806	805	808	810	817	815	804	784	761	744	734	739	753	764	772	780	784	787	788	788	788	797	785	0	6	24	819	12	23	726	93
13				796	796	795	800	796	800	804	801	790	783	773	768	780	785	784	791	793	794	795	796	796	799	801	800	792	0	0	09	806	11	12	765	41
14				799	801	806	805	802	805	810	811	810	805	796	790	793	800	805	806	804	804	805	801	791	794	799	801	802	0	7	48	812	20	35	787	25
15				800	802	803	805	807	811	812	814	809	804	802	805	806	806	809	815	829	821	806	812	811	815	810	818	810	0	15	56	862	10	25	800	62
16				812	810	811	811	807	810	816	808	796	805	802	811	818	809	785	782	780	781	791	795	797	796	796	799	801	0	13	03	826	16	36	775	51
17				797	796	799	809	800	800	802	801	793	790	788	783	783	783	785	787	791	796	798	(800	799)	801	802	802	795	0	3	17	812	12	44	781	31
18				802	803	803	802	802	806	808	804	798	797	792	787	784	790	791	793	799	803	808	810	811	810	810	815	801	0	23	35	818	12	47	782	36
19				811	808	809	809	812	815	812	798	789	794	797	795	790	785	789	794	786	779	774	796	798	797	798	797	797	0	6	07	816	18	09	769	47
20				806	803	804	798	795	795	806	806	787	781	778	768	756	759	783	795	798	796	806	807	805	806	814	809	794	0	22	13	821	13	21	751	70
21				809	809	817	814	808	807	809	824	813	801	802	802	801	810	819	807	828	810	774	755	757	800	801	783	802	1	16	51	844	19	33	744	100
22				781	786	798	789	787	788	785	788	789	784	778	772	770	776	777	778	781	787	786	790	790	791	787	792	785	0	2	32	803	12	37	762	41
23				811	799	792	794	793	794	795	795	789	786	788	786	784	781	784	794	799	795	798	792	793	795	793	795	793	0	0	51	818	14	01	779	39
24				794	794	794	796	799	801	801	796	790	797	800	806	822	843	839	817	851	823	824	817	787	751	753	777	802	1	14	10	854	21	43	706	148
25				778	767	769	772	775	776	779	780	776	769	769	765	773	780	779	775	771	777	765	768	774	783	766	794	774	0	23	20	813	22	23	754	59
26				774	789	782	786	783	785	780	778	793	792	782	773	786	778	775	786	793	794	793	793	796	792	790	791	786	0	9	04	797	13	53	765	32
27				803	801	798	799	802	804	805	808	812	806	798	790	785	783	786	790	798	804	807	809	809	807	807	806	801	0	8	44	814	13	41	782	32
28				807	805	805	806	807	811	816	816	811	814	818	818	817	818	824	820	811	807	806	809	811	806	806	806	811	0	14	55	831	22	17	803	28
29				805	804	807	806	806	813	818	820	819	817	810	802	800	799	801	802	807	810	812	813	813	811	810	809	809	0	7	26	821	13	11	797	24
30				807	808	808	808	806	811	819	821	819	824	828	825	814	807	806	808	804	804	803	805	811	809	805	809	811	0	10	16	829	14	05	802	27
31																																				
MEANS ALL DAYS				797	798	799	800	800	802	804	802	797	794	791	789	790	790	791	791	795	795	793	794	795	796	795	797	796								50
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 73

HORIZONTAL INTENSITY

DECEMBER 1946

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

DECEMBER 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				808	806	804	804	804	803	801	806	813	814	805	797	796	796	794	797	801	802	802	803	806	806	809	811	804	0	9	09	816	14	24	792	24
2				814	806	804	798	798	804	809	815	822	831	823	815	809	805	794	792	794	794	799	802	806	804	796	794	805	0	9	43	834	15	11	790	44
3				799	800	799	807	800	798	800	796	786	779	779	785	789	787	784	792	794	792	783	783	788	790	793	795	792	0	3	11	808	10	13	774	34
4				795	794	794	795	795	797	800	800	796	800	803	798	796	795	796	794	801	804	809	807	806	806	805	802	800	0	18	22	810	15	16	790	20
5				804	811	820	827	827	826	831	834	828	826	822	827	828	823	807	802	805	807	808	805	810	807	811	813	817	0	7	14	835	14	59	793	42
6				827	805	804	809	813	819	821	821	821	827	823	821	816	809	812	807	807	805	801	803	805	810	809	808	813	0	0	21	838	18	49	797	41
7				808	807	810	810	813	823	827	833	825	813	790	775	779	778	778	782	791	799	804	807	808	808	807	809	804	0	7	41	835	13	20	767	68
8				827	817	805	800	803	810	815	816	810	807	796	785	791	799	797	796	799	802	798	802	804	804	805	805	804	0	0	45	829	11	44	776	53
9				808	809	811	810	811	814	818	814	811	814	816	811	808	807	806	806	810	816	812	812	812	809	806	806	811	0	10	03	819	15	03	803	16
10				807	809	809	809	812	817	821	818	806	800	803	803	808	811	811	816	813	813	817	817	817	818	826	823	813	0	23	12	835	9	57	797	38
11				812	809	809	814	811	814	819	821	818	815	835	846	840	841	836	824	820	817	803	607	805	809	809	802	818	0	11	51	848	18	33	798	50
12				801	811	810	816	814	797	808	807	798	798	802	807	804	799	793	793	794	794	799	785	781	786	787	806	800	0	4	18	821	20	00	773	48
13				798	799	799	797	797	800	805	808	814	827	832	827	816	801	797	793	800	803	803	802	803	802	806	803	806	0	10	46	833	15	57	787	46
14				797	797	800	800	803	806	812	814	817	819	817	811	803	803	801	804	810	811	806	803	804	806	807	807	807	0	9	41	821	1	40	792	29
15				807	808	811	813	813	817	818	820	818	821	827	829	828	824	813	805	809	813	810	810	808	810	812	812	815	0	11	28	831	15	25	804	27
16				814	814	812	811	815	817	819	822	815	824	832	831	825	821	818	808	811	812	811	814	816	(817	815)	818	817	0	10	54	834	15	41	804	30
17				821	818	817	818	818	818	815	822	828	824	819	810	810	808	792	795	805	801	791	792	798	801	806	807	810	0	8	47	831	14	08	781	50
18				809	807	807	805	806	804	806	807	806	809	805	804	799	796	789	796	807	812	817	822	825	824	817	820	808	0	21	00	827	14	58	784	43
19				823	825	825	825	820	822	826	823	820	817	819	814	827	829	827	822	801	773	759	772	777	763	763	769	806	0	13	33	831	18	56	745	86
20				773	763	778	769	770	777	777	777	781	782	777	775	784	786	786	781	781	783	787	786	786	786	786	783	780	0	13	00	791	1	12	751	40
21				784	784	784	784	785	786	794	803	807	809	(813)	810	802	793	787	798	811	788	783	787	796	796	796	789	795	0	16	14	816	18	00	765	51
22				790	790	792	793	795	796	791	790	794	800	800	804	800	792	779	780	784	789	789	794	789	791	789	794	792	0	11	52	807	15	08	775	32
23				803	803	802	800	803	807	808	806	808	811	810	809	815	835	826	818	814	813	812	805	801	801	801	801	809	0	13	10	848	20	21	797	51
24				803	806	804	803	799	799	796	788	780	783	788	802	816	818	805	802	802	798	799	800	802	803	805	802	800	0	13	31	828	8	24	778	50
25				799	800	802	804	805	807	807	802	801	801	796	795	795	797	800	801	800	799	800	803	807	807	807	806	802	0	21	43	810	12	38	794	16
26				805	807	808	818	818	815	814	817	814	815	814	810	815	811	799	795	796	786	794	792	782	779	784	780	803	0	3	16	835	21	58	770	65
27				783	784	785	785	783	783	785	785	783	779	770	769	783	793	785	780	783	788	791	794	797	795	795	796	786	0	20	52	802	11	31	765	37
28				799	798	802	807	802	805	799	802	791	780	786	787	782	775	774	781	788	794	792	796	796	796	790	795	792	0	2	47	810	13	44	771	39
29				795	794	794	795	797	800	803	805	803	803	811	813	820	821	813	813	814	809	808	808	806	799	802	804	805	0	12	56	826	2	02	792	34
30				809	803	802	801	802	802	798	796	805	817	823	825	820	809	808	809	812	808	808	808	811	811	813	811	809	0	11	14	827	7	31	794	33
31				809	808	808	810	812	813	814	818	822	823	824	827	829	835	824	820	818	813	810	814	817	814	808	803	816	0	13	53	837	23	59	801	36
MEANS ALL DAYS				804	803	804	804	805	806	808	809	808	809	808	807	808	806	801	800	802	801	800	801	802	802	802	802	804								41
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[] = APPROXIMATE, MAGNETIC STORM
() = INTERPOLATED
⌈⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 74

VERTICAL INTENSITY

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1946 JANUARY 1946

DAY	✽	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				775	776	775	776	777	781	784	781	781	778	755	735	729	736	750	762	774	784	793	799	792	795	791	787	774	0	19	28	804	12	22	729	75
2				779	775	775	779	778	780	779	781	778	776	762	744	729	734	743	750	763	775	783	788	789	789	788	782	771	0	21	51	792	12	33	727	65
3				773	779	776	776	775	780	787	791	790	787	774	758	752	747	745	758	738	748	768	850	849	817	814	823	781	2	19	42	918	16	27	728	190
4				853	840	815	820	781	777	757	781	753	737	721	707	710	729	755	758	794	823	809	799	809	813	808	793	781	2	0	18	895	11	41	704	191
5				783	794	779	770	783	786	789	791	789	785	776	767	760	757	766	773	780	789	791	795	798	795	792	791	782	1	20	20	805	0	01	750	55
6				786	786	786	782	785	792	801	804	794	787	778	768	756	754	747	750	760	772	782	786	790	793	796	796	780	0	7	29	807	14	47	746	61
7				787	783	786	787	778	783	793	795	783	779	770	760	752	752	754	761	772	781	789	791	794	794	793	795	780	0	21	00	797	13	04	749	48
8				791	791	778	783	784	785	789	789	791	783	769	749	736	737	739	752	765	774	782	784	786	786	788	789	775	0	8	23	795	12	56	733	62
9				787	786	780	779	780	783	785	786	786	793	789	774	766	760	751	756	763	773	777	780	782	784	787	791	778	0	9	49	796	14	33	749	47
10				788	786	784	782	784	782	783	782	782	786	787	777	768	766	761	759	764	770	772	777	776	780	785	791	778	0	23	59	793	15	04	755	38
11				799	795	787	782	781	781	782	776	770	773	775	769	768	769	784	782	781	782	791	791	790	797	793	794	783	0	18	12	805	11	40	762	43
12				792	790	792	788	780	779	785	783	781	783	777	775	775	780	783	780	776	780	789	792	785	789	789	786	784	0	18	43	796	5	05	772	24
13				787	789	785	786	787	786	785	782	778	768	767	771	774	780	787	793	795	790	784	787	787	784	783	783	783	0	16	40	796	9	44	764	32
14				784	784	784	783	787	790	793	791	790	782	758	751	754	753	758	767	776	777	777	781	780	783	784	785	777	0	6	36	793	11	03	750	43
15				786	785	784	784	785	790	794	791	782	768	755	752	750	755	763	779	780	778	777	780	(782	781)	780	777	777	0	6	31	797	12	40	748	49
16				774	774	777	777	780	784	794	790	773	760	744	739	741	754	758	763	771	777	777	781	784	787	789	790	772	0	6	44	799	12	03	726	73
17				790	788	784	784	784	781	784	784	778	776	761	754	757	762	766	778	784	784	787	786	784	784	784	784	779	0	0	07	793	12	02	751	42
18				787	778	777	778	784	782	784	794	790	784	768	761	760	761	765	770	778	784	790	794	797	794	787	787	781	0	20	25	796	12	43	758	38
19				787	781	778	771	774	782	787	800	802	796	772	756	753	745	748	757	768	779	788	784	782	785	787	786	777	0	9	06	806	13	45	743	63
20				784	779	776	776	768	778	789	793	801	802	778	751	745	750	774	791	798	795	788	782	782	784	784	783	780	0	9	10	806	12	45	740	66
21				782	782	779	779	780	785	793	801	803	797	785	768	743	727	730	748	765	776	783	782	782	784	786	785	776	0	8	12	804	13	35	726	78
22				782	779	778	773	774	781	786	793	797	794	783	771	751	745	752	771	773	776	781	787	790	790	790	791	779	0	8	07	800	13	23	744	56
23				787	786	782	781	781	782	784	791	798	797	783	748	731	728	731	748	767	784	793	796	797	793	791	791	777	0	8	06	800	13	36	726	74
24				793	790	785	781	786	784	778	784	791	789	769	749	732	728	729	747	761	773	789	790	800	802	807	798	776	1	21	13	840	14	22	723	117
25				784	787	784	775	783	787	786	790	793	796	791	782	768	751	741	747	758	768	779	784	788	789	787	788	779	1	9	36	800	14	42	739	61
26				794	787	775	775	779	780	777	779	778	769	751	739	739	737	742	752	772	782	784	788	786	787	790	788	772	0	0	24	800	13	49	735	65
27				788	774	791	788	784	785	791	792	794	784	772	766	767	761	757	759	770	776	780	783	783	785	783	784	779	0	2	41	797	14	50	756	41
28				783	783	783	780	781	784	789	789	779	757	740	729	718	716	721	741	760	773	777	776	779	779	783	780	766	0	6	56	792	13	20	715	77
29				780	780	780	780	783	780	782	786	782	772	753	744	747	744	735	751	772	781	787	791	788	789	793	787	774	0	22	24	799	14	27	731	68
30				781	782	782	782	782	788	796	792	777	759	734	724	718	720	726	751	770	776	782	783	783	785	782	779	768	0	6	22	800	12	37	718	82
31				778	778	776	776	779	786	790	798	798	790	770	746	725	726	734	754	771	782	786	785	787	787	786	784	774	0	7	08	800	12	40	723	77
MEANS ALL DAYS				787	785	782	781	781	783	786	789	786	780	767	754	748	747	751	762	772	779	784	789	790	790	790	789	777								68
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 75

VERTICAL INTENSITY

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1946 FEBRUARY 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				782	782	778	774	778	784	789	801	797	782	760	734	713	713	729	752	772	782	788	783	783	783	783	782	771	0	7	56	804	13	00	707	97
2				780	777	775	774	776	783	792	801	803	792	760	723	712	719	731	750	771	797	798	787	786	791	787	783	773	0	17	45	808	12	31	711	97
3				779	779	777	777	780	783	791	797	796	771	748	740	732	731	742	759	776	785	787	786	786	784	778	786	773	1	8	02	803	13	00	728	75
4				786	779	776	773	778	779	798	809	808	811	797	768	737	720	715	735	756	777	793	799	805	807	802	796	779	1	22	00	818	14	05	678	140
5				794	783	774	774	777	782	794	801	809	802	786	766	760	757	751	759	779	791	795	795	790	787	789	794	783	0	8	19	813	14	54	750	63
6				784	787	778	774	763	785	797	803	810	800	775	745	725	720	728	754	771	784	785	784	791	799	788	785	776	0	8	23	814	13	11	716	98
7				785	782	781	778	781	786	797	807	804	802	781	749	724	727	737	751	762	787	807	810	839	847	855	848	789	2	21	48	917	12	54	721	196
8				803	806	791	798	764	724	739	725	730	725	744	770	766	777	780	787	813	824	844	831	825	825	812	811	784	2	18	33	949	7	28	673	276
9				799	796	792	786	783	790	798	802	800	797	793	789	782	770	757	753	767	786	796	796	798	799	805	805	789	1	0	53	812	15	26	751	61
10				799	799	800	802	800	795	792	786	786	788	786	790	789	782	780	783	794	796	796	799	801	804	802	801	794	0	21	26	809	14	51	775	34
11				801	802	801	802	801	799	799	797	794	786	783	780	785	781	783	784	789	794	795	794	792	799	800	798	793	0	4	00	805	11	26	778	27
12				797	798	795	794	792	792	797	795	(785)	776	765	756	765	776	781	786	792	794	799	796	796	798	804	807	789	0	23	59	811	11	30	754	57
13				808	801	800	794	795	795	806	806	808	793	773	766	773	772	769	782	789	795	798	801	798	800	802	798	793	0	6	51	815	11	10	765	50
14				794	794	794	794	794	795	801	801	796	779	752	730	738	756	760	770	802	831	840	825	813	810	806	805	791	1	18	09	870	11	40	727	143
15				801	795	795	793	799	809	813	818	813	803	761	746	751	755	761	770	790	797	796	(795	798)	798	799	798	790	1	7	46	825	11	48	741	84
16				796	794	792	791	791	796	804	814	809	792	753	732	732	736	745	753	770	785	793	794	797	797	794	794	781	0	7	56	817	11	48	728	89
17				790	790	789	788	787	790	801	809	814	804	788	756	729	719	729	758	781	794	796	794	796	797	797	796	783	0	8	15	818	13	23	716	102
18				791	790	788	786	788	791	803	814	818	804	766	735	731	737	745	761	777	788	790	791	791	793	792	791	782	0	8	05	821	12	00	729	92
19				788	788	784	781	782	788	800	807	804	784	759	746	737	734	740	747	772	792	815	808	801	802	805	803	782	1	18	36	821	15	03	721	100
20				799	792	799	787	802	799	802	802	806	799	778	760	748	746	747	758	773	783	784	788	793	798	802	803	785	0	6	11	813	13	03	744	69
21				798	798	796	795	792	769	791	772	781	782	773	779	785	788	779	791	817	823	837	812	825	843	818	822	799	1	18	08	860	7	49	754	106
22				811	808	801	793	790	795	800	802	801	793	778	761	753	752	750	758	781	799	797	796	798	801	806	806	789	0	0	04	831	14	08	747	84
23				806	801	796	791	791	792	797	803	808	802	793	785	772	746	743	755	794	804	809	813	800	802	806	797	792	0	19	57	819	14	07	736	83
24				803	804	781	784	791	794	801	803	808	801	791	782	779	769	756	759	774	788	793	800	797	796	799	799	790	0	8	07	847	15	00	753	94
25				797	796	796	794	797	794	796	800	809	803	784	755	744	746	753	757	774	786	798	802	799	800	796	795	786	0	8	41	813	12	42	741	72
26				794	795	794	791	792	794	800	801	805	800	791	777	768	770	765	767	773	781	790	796	791	792	795	792	788	0	8	52	807	14	48	763	44
27				793	792	789	790	790	790	796	803	801	788	770	748	737	742	753	765	779	788	792	792	792	792	791	791	782	0	7	43	807	12	38	735	72
28				791	792	789	788	789	792	802	813	819	807	787	752	729	722	734	754	773	784	791	791	790	790	791	790	782	0	8	06	823	13	46	717	106
29																																				
30																																				
31																																				
MEANS ALL DAYS				795	793	789	787	788	788	796	800	801	792	774	758	750	749	752	763	781	793	800	798	799	801	800	799	785								93
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 76

VERTICAL INTENSITY

MARCH 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1946

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				787	786	786	783	787	792	802	809	806	793	761	738	711	725	745	779	807	819	806	803	803	802	801	801	785	1	17	09	830	12	24	697	133
2				793	793	790	790	792	796	806	822	820	821	773	747	750	756	770	787	803	809	799	796	798	800	800	799	792	1	8	08	839	11	43	741	98
3				796	794	794	794	796	800	811	825	824	800	764	742	755	756	748	766	781	794	796	796	796	797	797	795	767	0	7	41	832	13	00	732	100
4				794	791	790	791	789	791	801	809	813	794	766	755	723	732	755	775	795	801	804	812	799	797	806	812	786	0	19	11	823	12	50	722	101
5				800	791	787	767	771	782	800	802	807	791	771	756	735	743	764	764	802	810	809	816	823	818	813	810	790	1	21	16	829	12	19	732	97
6				797	790	787	787	768	794	807	817	824	814	787	754	747	754	769	788	803	813	813	816	809	807	803	801	795	0	8	23	827	12	19	742	85
7				800	791	788	793	796	800	805	817	824	798	757	733	723	723	739	769	794	811	816	812	816	803	801	799	788	0	8	31	830	12	40	719	111
8				799	798	797	795	798	798	807	816	812	798	777	763	750	753	768	760	790	795	794	795	798	801	803	803	791	0	7	57	820	12	42	747	73
9				800	797	795	794	789	791	804	813	814	797	771	748	739	743	752	768	784	793	794	794	794	794	803	827	787	0	23	43	832	12	26	738	94
10				828	819	796	786	789	794	802	805	816	809	776	747	744	747	747	773	783	799	802	800	802	812	816	806	792	1	23	04	837	13	52	736	101
11				800	799	800	803	788	783	796	783	786	796	777	775	777	765	791	799	802	815	813	807	816	812	806	806	796	1	20	58	821	7	52	769	52
12				802	808	804	795	800	803	802	799	816	802	782	774	772	773	780	786	796	802	804	803	803	805	805	805	797	0	8	12	820	12	37	770	50
13				805	805	804	805	805	805	806	(812)	816	809	793	783	773	775	780	789	799	801	805	805	804	803	802	802	799	0	8	37	817	12	55	772	45
14				802	801	799	803	804	803	809	818	822	813	788	763	756	763	773	785	793	799	800	802	804	803	804	803	796	0	8	09	827	12	11	754	73
15				802	802	795	799	800	802	808	815	818	802	765	770	764	766	770	776	783	805	818	(815	828)	813	810	807	798	0	20	27	844	12	58	763	81
16				801	800	797	794	798	802	812	819	819	810	793	775	762	757	760	772	785	795	798	798	802	804	805	801	794	0	8	01	822	13	30	754	68
17				798	796	796	795	798	800	804	813	816	793	762	726	740	748	758	768	785	794	800	803	823	816	809	806	790	1	20	29	845	11	46	718	127
18				766	793	802	799	792	793	806	812	814	803	783	773	764	760	763	771	780	796	802	798	799	805	803	801	792	0	8	26	816	13	48	757	59
19				797	798	794	793	793	796	799	812	(814)	807	781	756	739	732	738	756	778	790	798	799	804	802	802	800	787	0	8	00	817	11	59	730	87
20				797	797	793	791	790	794	797	799	800	794	777	755	742	739	740	752	771	785	791	801	800	801	807	804	784	0	22	52	817	13	30	738	79
21				801	798	795	790	789	796	802	803	811	805	784	743	717	716	750	753	776	782	788	798	803	804	801	798	783	0	8	23	814	12	27	714	100
22				797	794	793	791	791	792	797	805	808	801	779	749	750	724	724	750	783	792	808	807	817	815	806	798	785	1	20	27	824	13	47	714	110
23				798	795	795	792	794	795	802	808	805	795	775	756	746	753	759	775	784	791	794	795	798	800	803	794	788	0	8	30	818	12	24	739	79
24				801	793	784	787	790	778	784	805	839	852	791	780	779	762	778	776	799	800	818	828	857	884	909	890	811	1	23	05	960	11	33	761	199
25				817	819	819	814	815	818	821	820	816	765	790	770	765	782	797	800	832	879	888	(905)	895	884	891	893	829	2	19	44	976	9	12	740	236
26				871	859	794	794	770	765	772	775	777	788	788	788	806	822	835	832	827	838	836	827	833	839	838	851	813	2	1	47	918	5	21	701	217
27				817	809	791	799	797	809	808	812	804	801	780	766	771	786	800	812	819	819	822	827	826	831	824	807	806	1	22	14	838	11	49	762	76
28				814	806	807	803	799	795	800	816	820	807	792	765	788	795	783	751	780	838	855	>962	>962	>962	>962	>962	835	2	20	52	>962	23	40	615	>347
29				954	910	893	830	851	857	829	831	827	830	821	818	815	816	822	827	827	827	828	827	836	839	837	834	839	2	0	01	981	3	29	763	218
30				830	830	830	827	826	825	829	836	856	827	816	803	796	794	798	806	815	819	819	822	823	823	822	822	820	0	8	09	841	13	08	794	47
31				820	818	817	816	816	819	825	834	835	822	802	780	774	779	792	805	813	822	828	833	834	832	819	818	815	0	8	14	840	12	28	774	66
MEANS ALL DAYS				809	806	800	797	796	799	805	812	815	804	782	762	756	760	769	781	796	808	811	816	820	820	820	817	798								>110
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 77

VERTICAL INTENSITY

APRIL 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

APRIL 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				817	816	816	816	816	817	813	816	820	820	806	792	791	792	801	816	822	821	823	826	830	829	825	819	815	0	20	59	832	13	25	788	44
2				816	816	812	811	809	810	815	820	828	817	804	795	793	796	801	809	818	830	834	828	832	829	833	821	816	1	18	01	844	12	21	791	53
3				817	807	811	813	812	804	817	830	837	823	798	778	770	772	782	798	811	815	814	820	824	819	819	821	809	0	8	17	840	12	17	769	71
4				820	810	810	811	810	812	817	825	829	821	802	784	773	776	787	798	808	812	814	820	819	821	819	818	809	0	8	30	831	12	58	772	59
5				814	810	808	808	808	809	814	821	828	822	799	779	774	778	789	801	810	812	813	815	818	823	830	827	809	0	22	50	833	12	46	773	60
6				822	820	814	814	808	808	814	820	816	812	804	792	787	785	791	800	808	813	813	817	820	819	819	820	810	0	0	01	825	13	04	784	41
7				819	818	815	808	810	812	817	820	824	821	804	781	773	777	786	801	810	813	813	817	817	819	832	831	810	0	22	46	840	12	17	769	71
8				816	813	812	810	809	811	816	820	819	811	800	794	785	774	787	800	804	816	813	814	816	820	820	818	808	0	0	07	823	13	22	771	52
9				817	818	813	810	814	812	818	820	810	802	788	766	753	760	776	791	793	801	823	830	833	844	852	850	808	1	22	59	873	12	52	749	124
10				834	829	823	818	818	817	813	817	814	798	786	781	783	787	800	806	809	811	811	818	817	818	817	816	810	0	0	00	843	11	12	779	64
11				815	816	815	816	817	818	821	825	827	820	806	792	784	785	797	806	811	811	813	815	815	815	816	816	811	0	8	42	828	13	01	780	48
12				815	814	815	814	814	813	815	819	818	810	800	785	780	785	790	800	806	807	808	812	815	813	815	817	808	0	7	48	821	12	28	778	43
13				814	811	812	808	808	804	808	815	820	811	792	778	769	761	778	793	802	815	820	817	817	816	817	814	804	1	8	41	824	13	21	755	69
14				814	814	809	796	806	814	816	821	819	815	808	793	771	766	777	791	800	807	817	833	850	841	834	818	810	1	20	22	859	13	13	763	96
15				813	811	809	811	809	809	811	818	829	825	802	777	763	769	780	809	828	852	840	850	860	873	865	824	818	2	21	20	894	13	17	754	140
16				819	809	804	802	811	815	822	827	827	822	811	797	792	794	798	803	807	809	814	(817	821)	822	819	820	812	1	8	08	831	11	55	790	41
17				818	813	813	813	813	812	814	823	823	815	804	800	794	795	797	800	804	810	811	817	822	826	820	817	811	0	21	17	832	13	00	792	40
18				816	814	813	812	813	816	817	819	823	821	813	801	791	788	792	796	801	813	822	825	826	824	823	818	812	0	20	05	828	13	00	786	42
19				813	813	812	809	810	810	814	822	828	821	808	792	775	774	787	800	806	811	813	816	816	818	817	816	808	0	8	33	829	13	04	770	59
20				814	813	811	811	809	811	816	817	819	810	797	785	775	779	789	798	805	808	811	813	814	815	815	817	806	0	8	10	822	12	56	772	50
21				817	812	811	808	808	808	809	813	817	817	811	799	780	777	782	792	803	806	807	809	812	813	816	813	806	0	0	32	821	12	58	776	45
22				810	809	809	807	807	807	807	809	813	813	805	788	772	771	781	780	790	807	818	823	829	826	822	821	805	1	20	43	830	15	05	764	66
23				819	812	809	809	810	810	809	808	809	811	801	789	772	768	(774	784	798)	818	829	867	893	906	896	896	821	2	21	11	924	13	16	764	160
24				852	844	870	853	820	800	766	765	788	779	795	784	789	789	817	814	852	845	836	861	842	851	845	841	821	2	18	50	926	7	07	732	194
25				797	814	818	813	809	816	822	827	832	828	835	825	817	816	825	825	828	828	825	824	822	823	822	820	821	1	0	00	841	0	44	774	67
26				822	821	821	823	825	825	827	834	840	839	825	812	803	808	812	815	820	823	826	825	820	818	818	815	822	0	8	41	841	12	16	802	39
27				814	820	819	819	820	819	821	817	818	822	817	803	787	785	796	807	817	819	820	819	819	819	818	816	814	0	6	42	825	12	56	783	42
28				816	816	817	818	821	822	824	828	825	826	816	798	786	789	798	806	813	817	818	819	821	823	825	827	815	0	23	23	830	12	54	785	45
29				825	818	818	818	815	819	821	818	820	823	818	809	791	786	789	794	814	819	822	830	821	816	814	811	814	0	19	16	833	13	23	785	48
30				809	808	804	811	814	812	814	818	822	818	811	798	787	785	787	796	805	811	815	816	817	822	818	811	809	0	21	51	824	13	30	784	40
31																																				
MEANS ALL DAYS				817	815	815	813	812	812	814	818	821	816	806	792	782	782	792	801	810	816	819	824	826	827	827	823	812								67
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
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⊼ = NO RECORD

TABLE 78

VERTICAL INTENSITY

MAY 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MAY 1946

DAY	✲	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				808	807	805	808	811	813	815	818	823	820	809	799	786	779	785	789	802	811	815	817	819	819	815	813	808	0	8	37	824	13	13	777	47
2				809	810	804	804	804	802	810	815	822	817	812	800	786	782	784	792	801	809	812	815	817	817	816	813	806	0	8	57	824	13	05	780	44
3				805	801	806	805	808	809	810	814	820	823	818	804	787	783	780	785	795	804	807	811	812	811	811	810	805	0	9	26	825	14	41	778	47
4				808	808	804	794	802	805	808	816	823	819	805	787	774	771	777	785	800	807	817	819	820	819	818	818	804	0	8	18	825	13	36	768	57
5				815	810	808	803	806	807	805	808	810	806	798	787	779	778	776	785	796	803	806	807	808	811	811	810	801	0	0	25	817	14	25	774	43
6				806	803	800	799	802	803	797	807	810	807	799	784	769	768	768	786	805	802	807	821	830	825	822	816	802	1	20	18	832	12	28	751	81
7				811	810	805	809	809	806	799	790	796	787	779	774	764	780	793	808	813	828	827	827	833	833	821	815	805	1	21	17	839	12	06	751	88
8				813	813	812	812	811	810	810	817	826	832	817	791	777	772	777	783	799	809	815	819	834	831	810	809	808	1	21	05	865	14	55	755	110
9				810	811	812	804	812	809	811	802	810	817	810	805	798	787	788	802	817	824	828	829	843	838	843	835	814	1	21	00	859	14	09	778	81
10				824	815	801	809	801	798	802	806	811	808	803	801	794	797	801	796	803	811	816	825	811	813	809	807	807	1	19	09	835	12	45	790	45
11				797	803	802	803	805	806	805	809	821	821	804	784	782	786	795	811	849	831	824	828	828	837	824	819	811	1	16	47	897	13	54	771	126
12				796	804	809	807	811	811	812	815	820	815	806	794	786	786	785	794	806	814	819	817	819	821	813	811	807	0	21	10	824	0	55	777	47
13				808	806	806	808	809	810	809	810	811	810	804	794	791	788	794	799	809	814	814	815	816	814	812	810	807	0	20	15	816	13	20	785	31
14				807	806	804	805	806	807	806	808	812	812	804	791	7.80	780	787	791	800	807	809	810	811	810	807	806	803	0	9	13	816	13	05	776	40
15				804	802	801	801	802	803	804	805	808	808	802	792	782	778	779	787	800	807	810	(811	815)	814	812	810	802	0	20	38	824	13	30	776	48
16				806	803	802	802	801	803	806	808	812	808	802	796	789	788	787	790	800	804	806	812	813	816	812	808	803	0	21	38	818	13	54	785	33
17				807	807	806	803	805	804	803	806	808	806	798	789	786	786	788	792	799	805	806	808	812	822	818	819	803	0	21	33	827	12	58	784	43
18				820	818	803	799	803	803	803	800	802	806	802	793	794	791	789	789	811	819	818	818	824	825	820	817	807	0	19	31	830	15	00	784	46
19				814	798	801	800	800	802	803	807	815	817	813	807	800	791	789	792	799	805	807	808	810	811	810	809	804	0	0	14	829	14	42	788	41
20				806	803	800	800	800	800	800	800	805	808	806	796	786	779	780	787	795	801	803	803	805	808	808	805	799	0	9	49	809	14	11	778	31
21				802	800	799	795	792	805	784	788	801	815	817	813	801	796	794	798	824	817	826	835	836	839	834	804	809	1	21	49	842	6	24	771	71
22				817	808	785	797	795	789	799	802	802	801	800	803	807	810	806	820	815	830	844	844	846	831	816	818	812	1	20	11	855	2	36	772	83
23				815	809	808	790	801	806	804	807	806	809	805	807	798	795	796	801	814	825	818	817	833	809	814	818	809	1	20	15	869	3	20	784	85
24				819	819	791	808	796	794	790	790	816	825	823	820	817	813	806	805	815	820	828	827	820	823	827	815	813	1	0	28	849	7	01	779	70
25				827	804	796	805	808	807	805	806	802	821	830	824	818	812	811	804	812	821	821	818	820	818	815	818	813	0	10	58	834	2	49	790	44
26				817	813	814	809	813	812	810	811	819	821	812	811	804	796	797	803	813	817	820	822	821	820	814	814	813	0	21	13	836	13	42	791	45
27				813	813	813	814	814	814	814	814	819	817	813	797	786	787	791	800	808	814	814	814	814	813	812	811	809	0	8	55	819	12	41	783	36
28				810	808	809	810	810	809	809	809	817	824	823	815	806	798	798	809	823	824	825	824	825	826	827	817	815	0	22	12	835	13	30	793	42
29				814	812	808	809	810	814	816	815	821	823	819	811	795	794	796	808	822	822	826	828	830	828	824	817	815	0	20	25	831	12	50	789	42
30				811	810	811	810	808	811	814	813	818	819	816	807	804	803	801	802	808	811	814	816	815	815	812	813	811	0	8	22	821	15	15	800	21
31				812	809	807	808	804	809	809	807	808	814	814	807	808	810	806	810	822	824	831	835	828	825	825	824	815	0	19	28	837	4	13	798	39
MEANS ALL DAYS				811	808	804	804	805	806	806	807	813	814	808	799	791	789	790	797	809	814	817	819	822	821	817	814	808								55
MEANS TEN DAYS ✲																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 79

VERTICAL INTENSITY

JUNE 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JUNE 1946

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				823	816	810	807	811	811	813	813	815	812	807	803	797	793	794	798	805	811	815	818	818	819	818	815	810	0	0	20	825	13	28	791	34
2				813	812	805	806	826	809	808	810	810	813	806	798	791	784	786	791	801	807	810	814	817	818	817	816	807	0	22	02	819	13	40	782	37
3				812	809	806	805	805	805	806	806	812	815	813	808	799	792	791	793	801	807	808	810	812	813	813	812	806	0	9	19	816	13	53	790	26
4				809	807	806	804	804	804	803	800	802	806	809	804	796	798	788	790	801	808	809	809	811	821	823	816	805	0	22	04	834	14	40	784	50
5				811	808	804	804	806	804	804	803	806	810	809	801	797	797	791	791	801	806	808	811	812	813	813	811	805	0	21	52	815	14	49	788	27
6				808	808	807	805	797	800	804	805	796	806	804	802	797	795	792	796	802	811	821	832	823	825	824	819	807	0	19	13	847	14	15	789	58
7				815	813	809	810	809	807	804	802	806	807	809	806	803	801	797	796	799	804	806	825	837	843	856	837	812	1	22	09	871	15	44	793	78
8				852	841	821	812	800	812	811	810	813	810	808	801	801	801	800	805	822	820	813	823	827	828	840	828	817	1	0	25	854	15	06	791	63
9				827	810	804	809	812	816	800	795	804	813	812	803	807	808	804	807	816	819	817	821	821	833	835	818	813	0	22	01	865	6	58	787	78
10				818	811	811	811	812	815	811	810	813	812	805	797	793	791	794	799	808	813	815	814	817	822	819	815	809	0	21	39	824	13	36	790	34
11				820	811	810	807	810	813	811	809	814	813	808	802	795	786	787	801	811	815	825	818	825	820	818	811	810	0	18	19	837	13	46	783	54
12				812	810	803	806	806	807	805	799	802	805	803	796	788	784	780	789	807	809	813	818	827	831	835	829	807	1	22	48	847	14	49	773	74
13				836	826	827	820	812	810	799	797	799	799	797	790	795	807	805	793	806	811	822	819	825	824	824	820	811	0	0	08	846	11	52	788	58
14				818	817	812	812	812	813	811	808	805	805	802	797	793	794	796	795	808	810	814	816	818	818	819	813	809	0	22	32	825	12	59	790	35
15				812	810	809	809	810	810	810	808	812	810	805	800	797	790	785	795	807	815	815	819	822	822	818	815	809	0	20	18	824	14	10	783	41
16				811	808	807	809	807	811	811	811	812	807	798	789	786	784	784	790	801	809	820	817	825	823	821	812	806	0	20	19	829	14	04	782	47
17				809	809	806	801	799	802	811	814	823	820	822	803	803	804	802	808	814	817	820	821	(822	824	815)	815	812	0	Δ̄		Δ̄	4	03	782	
18				810	809	807	808	809	811	807	808	816	817	817	812	797	801	798	801	804	814	817	817	819	820	818	819	811	0	23	55	822	12	25	792	30
19				819	820	808	800	796	799	795	789	792	803	801	813	810	807	807	804	832	821	821	828	833	828	825	822	811	1	16	39	855	8	12	782	73
20				820	816	810	813	802	801	805	800	812	813	816	803	801	801	797	800	809	816	815	816	818	815	815	816	810	0	0	00	825	14	26	791	34
21				812	811	810	803	807	809	808	807	811	814	812	807	794	793	793	801	814	815	817	818	817	818	817	814	809	0	19	38	823	12	58	782	41
22				812	808	808	809	799	800	805	796	803	812	819	809	800	792	789	795	805	809	809	810	812	811	812	813	806	0	10	55	822	14	09	786	36
23				810	812	810	810	811	811	808	809	813	816	809	801	795	791	792	799	810	814	812	813	814	812	811	811	808	0	9	37	816	14	45	788	28
24				809	809	809	809	809	809	809	811	817	820	814	798	785	781	784	795	804	808	809	809	810	809	809	808	806	0	9	37	821	13	49	779	42
25				806	805	805	807	807	808	809	812	816	815	805	794	787	785	786	797	807	817	814	813	812	810	809	808	806	0	17	20	824	13	11	780	44
26				812	805	810	808	808	808	808	810	814	814	805	790	778	782	791	797	803	807	811	812	816	819	822	822	806	0	23	02	827	13	04	774	53
27				821	813	809	809	808	809	812	809	817	813	804	791	780	778	785	798	805	819	814	817	823	824	820	813	808	0	17	37	831	13	13	775	56
28				809	806	803	807	805	806	811	812	813	808	793	773	759	765	781	798	804	806	807	809	810	810	808	804	800	0	9	02	815	12	09	747	68
29				802	800	800	799	799	804	808	809	809	812	813	802	790	797	803	809	817	828	827	828	836	843	843	841	813	1	22	09	853	12	38	783	70
30				834	815	810	783	765	775	787	798	809	813	812	806	788	787	789	792	800	808	811	814	816	818	817	817	803	0	0	10	841	4	41	751	90
31																																				
MEANS ALL DAYS				816	812	809	807	805	807	806	806	810	811	808	800	793	792	792	797	807	812	814	817	820	821	821	817	808								50
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[] = APPROXIMATE. MAGNETIC STORM
() = INTERPOLATED
⌈] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
Δ̄ = NO RECORD

TABLE 80

VERTICAL INTENSITY

JULY 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1946

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				813	810	809	806	807	807	807	810	817	817	809	791	781	773	776	784	797	805	807	810	815	816	814	814	804	0	8	59	819	13	43	771	46
2				812	811	809	805	805	804	804	806	815	818	814	799	789	785	786	798	805	813	814	817	822	821	819	817	808	0	20	13	824	13	56	782	42
3				815	815	810	808	806	806	805	806	815	819	818	807	788	786	780	788	805	816	818	826	832	831	832	831	811	0	22	03	834	14	20	774	60
4				821	818	815	811	810	808	808	808	816	821	818	804	795	789	793	800	806	809	811	816	824	826	821	818	811	0	22	02	830	13	22	786	44
5				815	813	812	810	809	809	810	812	819	823	822	815	807	795	794	800	808	811	811	812	814	814	815	816	811	0	10	06	824	13	45	792	32
6				813	812	811	811	810	808	808	808	814	817	811	789	774	772	778	793	801	808	808	810	812	814	815	814	805	0	10	13	818	13	23	771	47
7				814	811	810	806	807	807	806	807	814	820	817	797	782	780	793	792	796	804	808	817	826	801	800	794	805	1	21	00	829	12	14	773	56
8				823	821	821	822	817	803	780	777	786	797	807	809	809	808	803	800	807	813	815	805	805	810	809	805	806	0	2	11	827	6	48	768	59
9				802	805	806	805	808	805	802	800	806	809	802	792	789	784	783	788	797	796	807	810	815	821	824	826	803	1	9	48	827	14	12	774	53
10				823	809	803	806	806	804	803	805	806	810	813	806	802	793	785	788	799	805	806	808	809	809	809	807	805	0	0	07	829	14	42	784	45
11				808	808	809	806	804	804	804	801	812	811	810	794	786	784	787	791	798	808	809	811	815	819	816	814	805	1	21	55	821	13	30	730	41
12				811	808	809	809	808	806	804	803	808	808	801	795	786	783	785	790	805	804	807	809	811	811	810	807	803	0	21	36	814	13	34	782	32
13				804	804	803	803	804	805	804	801	808	817	813	794	785	786	788	793	802	805	805	805	810	812	810	809	803	0	9	54	819	12	20	784	35
14				806	803	803	803	803	803	803	804	810	812	808	799	788	783	772	778	766	804	801	804	814	827	855	835	804	1	22	29	874	14	53	767	107
15				824	815	803	801	803	803	802	802	805	809	804	792	784	778	773	782	799	807	808	810	812	811	810	808	802	0	0	00	834	14	27	771	63
16				803	802	799	800	801	803	803	804	814	820	815	794	778	772	775	789	796	801	813	817	817	812	810	812	802	0	9	40	823	13	38	771	52
17				802	803	798	797	798	801	798	800	804	806	805	804	796	790	784	786	800	814	811	815	816	821	808	808	803	0	21	10	838	14	10	779	59
18				803	800	799	796	799	799	799	805	812	817	814	807	800	791	783	782	789	793	799	811	812	809	813	827	802	1	23	56	839	15	00	779	60
19				819	813	820	817	800	794	778	788	797	810	810	808	803	801	795	790	803	819	821	820	831	820	834	827	809	1	0	55	850	6	12	770	80
20				822	816	810	809	802	802	806	801	808	810	806	799	795	788	778	781	796	803	806	806	808	809	809	809	803	0	0	05	825	14	50	775	50
21				808	806	803	806	803	804	803	806	808	811	809	800	798	792	786	791	795	802	806	808	809	809	811	809	803	0	23	39	816	14	26	784	32
22				809	806	802	803	802	799	802	799	812	815	802	793	786	789	786	792	799	806	807	808	809	816	811	809	803	0	21	42	823	12	46	784	39
23				813	812	802	804	798	799	799	791	797	810	810	790	779	771	770	780	799	804	803	803	820	813	813	812	800	0	20	39	823	14	23	768	55
24				807	809	809	806	809	806	803	803	807	810	816	844	823	813	813	820	830	837	837	838	840	846	840	838	821	0	11	16	839	14	35	798	41
25				822	821	822	819	822	821	821	824	832	835	825	809	796	794	793	800	813	824	825	827	826	824	822	821	818	0	9	42	837	14	26	790	47
26				818	817	817	818	820	821	814	811	823	824	824	814	801	801	806	810	817	852	854	838	831	827	827	822	819	1	19	08	842	13	18	797	45
27				824	821	811	747	844	854	818	843	(879	856	877)	828	(888)	876	(867)	843	855	863	866	866	868	866	861	854	849	2	Δ		>919	3	05	714	>205
28				851	848	848	850	851	854	860	865	869	868	859	832	811	805	806	817	850	840	845	846	860	846	843	838	844	0	8	00	872	13	04	802	70
29				838	858	824	828	835	827	829	831	854	851	838	851	823	805	802	815	828	858	846	846	852	847	842	838	834	1	20	04	864	13	58	788	76
30				841	828	817	827	829	830	828	834	845	846	834	821	805	798	802	808	831	843	857	854	837	853	834	834	829	1	21	30	886	13	16	791	95
31				830	826	826	825	825	827	828	833	841	840	840	830	817	807	801	804	814	823	823	827	830	833	836	835	826	0	9	49	850	14	16	798	52
MEANS ALL DAYS				817	814	811	809	811	810	808	809	818	821	818	806	796	793	792	796	807	815	817	819	823	822	822	820	811								54
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧖ = NO RECORD

TABLE 81

VERTICAL INTENSITY

AUGUST 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				835	834	830	828	828	827	826	829	841	839	836	827	811	801	802	807	816	823	826	827	830	833	833	834	826	0	9	17	843	13	25	799	44
2				835	830	830	830	828	827	827	830	839	844	840	825	813	800	796	804	813	820	824	827	828	832	832	835	825	0	9	33	845	14	24	795	50
3				832	831	829	828	827	826	825	829	835	834	829	820	803	796	795	804	817	823	823	824	827	828	829	829	823	0	8	38	837	14	25	794	43
4				827	826	825	824	824	823	823	825	834	827	826	819	807	800	796	801	808	817	820	823	826	827	828	827	820	0	8	53	836	14	30	794	42
5				825	825	825	825	824	823	822	823	834	840	837	830	821	816	812	811	815	820	822	822	826	830	830	829	824	0	9	34	842	15	31	809	33
6				828	828	824	823	822	822	822	822	824	821	816	811	807	807	806	810	815	821	821	829	833	837	835	833	822	0	21	45	841	14	38	804	37
7				829	826	825	825	823	824	816	815	818	826	824	816	807	803	796	795	815	828	835	836	843	862	856	852	825	1	23	05	869	15	06	789	80
8				838	839	836	810	815	813	816	817	820	823	824	817	810	805	798	802	815	824	825	826	828	827	826	825	820	0	1	42	843	3	38	796	47
9				823	821	825	824	827	828	822	822	829	830	823	809	798	794	795	804	813	818	821	823	823	823	825	824	818	0	9	34	836	13	50	792	44
10				823	823	823	822	822	820	817	815	821	822	822	821	815	802	792	794	809	819	820	821	823	822	821	821	817	0	3	16	826	14	52	790	36
11				821	821	817	820	822	824	822	818	836	837	829	819	807	791	801	811	819	825	832	833	830	825	826	827	821	0	8	51	841	13	45	785	56
12				825	807	788	820	810	817	815	821	832	833	839	837	822	812	804	806	821	825	827	829	829	829	827	826	821	0	10	48	843	14	00	797	46
13				821	820	820	820	819	818	814	827	846	845	846	838	818	804	793	803	813	822	826	827	830	830	829	826	823	0	8	52	851	14	35	785	66
14				823	823	821	818	820	820	820	823	841	840	835	828	815	808	801	811	835	859	862	878	869	847	845	841	833	1	20	00	909	14	34	795	114
15				837	829	830	830	811	822	829	834	840	826	841	844	829	820	820	821	826	836	840	837	837	837	839	840	831	0	11	12	849	4	42	799	50
16				836	824	826	832	822	816	826	833	846	849	846	839	823	809	802	799	820	841	835	832	834	836	836	835	829	0	17	52	858	15	05	795	63
17				832	829	823	811	807	826	816	821	836	842	841	832	819	805	805	813	836	836	835	852	840	846	855	837	829	0	22	34	867	4	09	778	89
18				835	832	824	821	826	824	827	832	845	850	852	846	828	816	810	813	820	828	830	(830	853)	847	848	848	833	0	23	09	849	13	34	809	40
19				846	844	843	840	840	834	837	844	846	853	851	844	833	830	822	823	830	837	839	842	843	845	845	846	840	0	9	37	857	14	38	819	38
20				844	843	842	842	840	840	839	842	848	852	850	841	826	819	815	820	831	837	839	841	842	844	844	844	839	0	9	55	853	14	38	815	38
21				841	841	841	841	836	838	838	839	843	844	839	828	820	815	816	822	826	836	839	840	840	840	840	840	835	0	9	50	845	13	47	814	31
22				840	839	838	838	838	838	837	840	844	847	846	841	827	812	808	809	819	826	829	830	830	831	831	831	832	0	9	39	848	15	13	806	42
23				831	830	830	830	830	831	830	832	841	844	844	840	827	812	808	812	821	828	829	829	829	829	829	828	829	0	9	50	845	14	05	806	39
24				827	828	827	827	828	828	827	830	837	835	825	817	802	794	798	796	815	826	828	828	829	829	830	828	822	0	8	55	839	13	56	790	49
25				824	824	823	825	827	827	825	825	837	836	831	829	826	816	814	814	822	827	828	830	831	830	829	827	826	0	8	37	841	15	19	810	31
26				825	825	825	826	828	827	824	827	839	842	842	831	809	789	786	793	809	823	827	827	829	830	829	827	822	0	9	36	843	14	25	785	58
27				824	823	823	824	825	825	824	828	841	845	839	828	797	778	784	800	815	826	830	832	837	834	830	828	822	0	9	28	846	13	44	775	71
28				825	823	823	822	820	819	814	826	847	856	857	844	816	796	790	798	812	823	826	827	830	830	833	828	824	0	9	54	859	14	37	788	71
29				826	825	821	817	820	820	825	837	851	852	846	835	813	791	783	794	812	825	826	827	829	830	830	829	824	0	9	14	853	14	24	781	72
30				826	825	824	823	821	822	825	834	838	831	819	813	803	790	790	801	812	817	821	824	825	827	830	830	820	0	8	10	840	13	57	786	54
31				827	825	822	818	816	819	822	833	843	833	826	810	789	780	796	810	826	841	842	844	846	865	866	862	828	1	21	49	878	14	00	772	106
MEANS ALL DAYS				830	828	826	825	824	825	824	828	838	839	836	828	814	804	801	806	819	828	830	832	834	835	835	833	826	DESIGNATIONS AND REMARKS							54
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
Δ = RECORD OFF SHEET
⌈ ⌋ = ESTIMATED
□ = CLOCK STOPPED
∇ = LAMP OUT
⊼ = NO RECORD

TABLE 82

VERTICAL INTENSITY

SEPTEMBER 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1946

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				855	842	828	828	829	831	839	848	850	838	821	806	798	795	803	811	820	825	828	831	834	837	840	840	828	0	0	00	858	13	15	792	66
2				857	851	830	829	828	828	831	841	844	834	811	801	795	786	795	815	818	824	826	827	826	831	832	831	823	0	8	06	847	13	15	782	65
3				831	829	820	826	827	830	833	838	844	832	813	795	790	784	791	805	817	827	829	831	834	837	839	842	823	0	8	30	848	13	20	783	65
4				839	836	830	828	829	827	822	832	836	827	807	796	787	788	800	812	826	833	839	846	842	847	840	842	826	0	18	31	875	12	51	782	93
5				836	826	830	826	829	828	834	833	830	827	820	807	798	794	797	810	826	829	833	840	842	833	836	834	825	0	19	17	849	13	37	791	58
6				830	835	833	829	827	830	832	836	840	837	827	810	797	793	800	807	815	821	823	825	828	829	828	828	823	0	7	55	843	13	00	790	53
7				828	827	825	825	826	824	824	826	827	826	818	808	796	791	792	806	814	831	837	849	861	864	853	836	826	0	20	52	873	13	28	786	87
8				831	832	835	829	832	832	829	837	842	842	833	815	798	791	791	809	823	830	836	856	841	836	836	833	827	0	20	52	848	14	18	787	61
9				834	834	829	830	834	833	834	831	837	831	819	805	792	785	795	806	818	824	828	831	852	834	843	851	825	0	23	52	854	13	50	783	71
10				848	838	806	822	826	827	828	839	836	827	815	804	797	792	794	805	824	844	834	835	837	841	847	850	825	0	22	11	868	2	27	785	83
11				828	825	824	825	829	830	829	829	843	846	843	829	810	800	804	810	821	827	836	836	841	839	832	830	828	0	9	19	847	13	24	797	50
12				827	825	822	817	824	825	830	834	838	840	834	816	798	786	792	810	850	831	833	841	847	844	837	828	825	0	20	32	850	13	42	784	66
13				824	824	824	823	821	822	828	845	851	848	834	815	793	790	793	805	816	822	826	829	833	835	836	835	824	0	8	10	852	13	04	786	66
14				829	825	823	822	822	826	834	843	846	843	835	816	794	784	788	800	817	826	826	831	835	834	833	832	824	0	8	21	849	13	40	783	66
15				829	827	825	823	820	823	824	833	843	843	834	817	791	766	778	794	815	821	823	824	829	831	831	836	820	0	8	45	847	13	40	762	85
16				834	828	824	824	824	823	826	856	843	843	834	815	796	782	782	795	809	819	825	825	828	(830	829)	831	821	0	8	02	846	13	55	778	68
17				840	846	870	831	814	821	826	814	820	826	819	809	795	793	800	806	814	825	835	839	842	845	844	841	826	1	2	26	883	13	07	786	97
18				832	837	835	852	825	827	836	850	842	838	857	837	819	822	828	836	869	882	893	921	>953	>947	915	880	859	1	21	05	>958	12	50	804	>154
19				884	822	856	844	831	830	842	850	844	837	831	822	826	827	836	846	848	853	869	879	887	859	881	856	848	1	21	07	>957	21	24	764	>193
20				845	839	843	842	830	843	855	853	860	860	850	844	832	822	821	827	837	△			△	848	847	847		0	(8	48	868	15	00	814	54)
21				847	844	841	838	843	842	846	855	869	869	859	842	821	811	811	822	853	839	846	850	843	845	850	850	842	0	8	34	872	14	01	808	64
22				841	808	834	837	834	834	829	839	844	844	837	834	828	836	860	864	892	892	△				△	874		2			>967	23	54	714	>253
23				831	890	886	849	866	870	868	862	841	825	825	824	840	850	860	893	912	922	910	908	911	911	916	864	872	1	15	52	941	0	01	758	183
24				799	857	826	831	805	812	828	841	862	862	854	844	853	826	832	844	854	858	862	860	853	854	849	851	842	1	1	20	887	0	15	751	136
25				849	849	849	849	850	850	851	858	864	863	856	843	830	820	819	830	842	847	851	852	853	853	853	853	847	0	8	47	866	14	09	817	49
26				850	848	847	846	844	846	851	861	868	867	855	835	816	803	799	812	828	845	854	855	853	856	859	858	844	0	8	27	871	14	10	797	74
27				849	845	843	842	843	843	850	862	863	863	842	828	808	806	806	831	850	865	860	857	863	877	871	875	848	0	21	16	886	14	10	801	85
28				871	842	847	836	842	829	821	830	834	830	820	802	794	794	803	828	860	871	880	880	919	901	919	872	847	1	20	25	>964	13	17	788	>176
29				893	877	852	850	816	802	806	824	826	811	823	851	822	816	823	832	843	850	850	853	868	868	876	876	841	1	1	10	904	5	03	763	141
30				864	852	854	842	842	843	851	851	855	849	844	828	815	812	816	824	845	857	874	865	873	864	861	856	847	0	18	25	886	12	30	809	77
31																																				
MEANS 1) ALL DAYS				841	839	836	832	830	830	834	841	844	840	832	818	805	800	805	818	832	841	846	849	854	853	853	846	834								90
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

1) Twenty-eight days only, omitting incomplete days September 20 and 22.

TABLE 83

VERTICAL INTENSITY

OCTOBER 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1946

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				857	856	854	834	842	844	846	854	854	850	836	817	800	797	802	812	842	869	860	863	863	870	881	867	845	0	22	28	885	13	08	794	91
2				855	852	845	842	845	851	853	857	858	848	832	821	811	807	808	821	841	845	847	848	858	858	865	850	842	0	22	26	869	13	57	805	64
3				848	845	847	844	844	845	849	851	848	852	819	807	801	805	818	832	841	845	844	844	847	860	865	854	839	0	22	44	868	12	15	800	68
4				855	849	846	845	847	849	851	850	843	837	827	813	811	814	820	826	838	854	844	844	849	849	849	851	840	0	0	26	862	11	46	810	52
5				851	849	843	844	846	846	852	850	850	836	824	812	809	809	816	824	838	844	846	848	851	859	884	872	842	0	22	37	899	12	09	808	91
6				852	854	833	844	843	844	849	855	857	847	835	820	801	793	802	814	834	854	847	845	844	846	849	848	838	0	8	02	863	13	22	792	71
7				846	840	840	841	838	831	842	839	845	839	819	806	794	790	800	813	824	837	849	863	864	862	860	863	835	0	19	36	878	13	48	788	90
8				856	841	839	839	837	841	844	849	851	840	816	795	782	787	801	816	831	838	840	841	843	843	843	841	832	0	0	09	864	12	22	779	85
9				841	839	838	839	840	843	846	853	851	835	810	784	778	788	811	830	844	859	869	848	854	855	846	843	835	1	18	24	884	11	47	768	116
10				842	841	841	837	841	846	847	854	(860)	867	852	854	813	804	806	819	839	848	850	852	854	858	855	852	842	0	9	10	872	13	47	803	69
11				844	842	841	838	852	837	857	867	869	854	826	796	778	776	789	810	830	841	842	844	847	849	850	855	834	0	8	11	878	13	24	774	104
12				842	839	838	833	835	842	853	858	854	844	819	792	783	792	811	824	837	845	846	846	846	846	846	844	834	0	7	35	861	12	06	780	81
13				842	840	838	836	836	842	850	861	858	850	832	806	788	788	796	812	827	837	840	841	844	845	846	844	833	0	7	28	864	13	09	786	78
14				841	839	837	836	836	841	850	856	859	854	838	817	794	783	784	805	830	838	839	840	840	844	846	847	833	0	8	33	863	14	10	781	82
15				838	837	835	835	832	837	846	852	855	852	840	818	792	769	792	806	824	841	843	840	839	841	844	843	832	0	8	02	859	13	12	787	72
16				840	839	838	836	837	840	847	845	848	846	850	803	776	778	797	817	832	846	842	840	848	849	846	845	832	0	6	42	856	12	52	770	86
17				840	839	839	838	835	833	843	847	849	845	829	808	796	795	805	823	837	840	840	838	839	840	842	841	833	0	8	25	851	13	24	793	58
18				840	840	839	838	837	839	843	848	851	852	846	829	804	798	803	818	831	836	839	840	840	841	842	841	835	0	9	30	856	13	23	797	59
19				842	842	841	840	842	843	847	852	859	859	846	831	813	809	812	819	830	837	836	836	838	839	839	840	837	0	9	01	861	13	21	807	54
20				839	839	843	839	838	836	845	851	842	855	847	828	811	802	810	825	838	855	852	845	844	847	850	848	839	0	17	49	867	13	17	793	74
21				846	841	841	848	844	846	845	846	846	848	840	814	767	(786	798)	817	836	844	847	846	846	844	843	842	835	0	3	13	852	12	51	781	71
22				841	839	837	840	841	843	847	857	858	856	845	825	789	767	770	788	817	836	840	841	845	848	842	840	831	0	8	40	865	13	18	763	102
23				839	839	837	838	839	842	849	854	856	849	832	805	786	787	789	806	827	839	846	846	849	846	846	845	833	0	8	07	862	12	54	783	79
24				837	836	836	839	839	843	851	861	865	862	846	820	797	794	802	817	834	844	847	846	851	858	850	846	838	0	21	09	870	13	01	793	77
25				842	842	839	840	841	846	855	862	861	846	818	788	769	774	797	822	841	851	846	846	847	846	844	845	834	0	8	11	867	13	01	768	99
26				847	846	848	843	844	848	852	856	856	848	824	808	798	798	808	831	840	852	852	863	858	849	848	852	840	0	19	26	870	14	02	797	73
27				850	848	834	842	839	836	836	837	843	829	814	812	807	819	836	848	866	901	889	889	873	887	882	867	849	1	17	12	930	10	33	800	130
28				845	853	851	851	847	859	866	869	859	847	843	853	818	811	817	829	844	849	849	851	857	857	856	856	847	0	7	35	874	13	41	809	65
29				854	844	847	847	849	855	861	861	851	852	803	778	774	783	799	822	836	843	852	851	848	853	852	848	835	0	19	04	876	11	56	771	105
30				843	842	839	838	834	844	849	849	843	832	818	801	791	793	806	818	829	836	842	842	844	847	847	844	832	0	7	29	851	12	45	790	61
31				846	843	840	839	839	842	846	851	847	833	813	795	783	788	800	812	830	841	839	842	847	862	855	846	832	1	21	29	897	12	31	782	115
MEANS ALL DAYS				845	843	841	840	840	843	849	853	853	846	830	810	795	794	803	819	835	847	847	847	849	852	852	849	837								81
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE, MAGNETIC STORM

( ) = INTERPOLATED

⌈ ⌋ = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

□ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 84

VERTICAL INTENSITY

NOVEMBER 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1946

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				847	853	856	849	848	848	848	850	842	824	805	788	786	792	812	851	850	864	872	868	869	863	863	872	842	0	23	56	886	12	42	785	101
2				866	849	837	836	842	842	846	850	850	842	824	810	802	799	814	830	838	840	844	847	850	847	844	842	837	0	0	00	885	13	34	798	87
3				842	842	840	837	837	843	849	855	857	850	823	802	779	780	792	810	826	839	842	840	839	839	839	840	831	0	9	52	858	12	53	776	82
4				841	839	838	837	838	841	847	850	840	825	810	792	785	788	799	811	823	831	840	843	840	841	843	838	828	0	7	23	852	12	44	782	70
5				837	837	836	837	838	844	846	846	841	831	812	789	775	774	795	823	837	841	839	836	838	835	838	840	828	0	6	15	849	12	54	765	84
6				834	833	833	832	836	837	839	845	842	830	814	787	770	784	810	832	849	860	871	875	846	848	866	856	835	0	19	08	892	12	14	768	124
7				843	832	835	837	842	850	858	864	855	842	819	805	795	801	811	827	842	846	842	840	841	840	839	838	835	0	7	17	875	12	14	793	82
8				835	832	833	833	837	842	849	852	849	837	819	800	792	790	802	817	829	838	840	842	845	841	837	835	830	0	7	56	855	13	15	787	68
9				834	832	830	829	836	844	856	856	847	828	803	788	791	800	811	828	841	848	853	848	845	851	842	838	832	0	6	45	861	11	45	786	75
10				835	834	833	833	837	845	853	857	859	842	817	794	783	786	803	821	836	844	842	840	841	843	844	841	832	0	8	00	863	12	55	780	83
11				839	834	830	821	828	832	842	851	856	847	828	806	801	805	815	835	850	855	856	851	845	847	846	845	836	0	8	00	863	11	51	792	71
12				843	841	837	838	833	840	853	864	871	866	845	814	788	783	798	821	839	846	848	848	850	852	855	853	839	0	8	53	873	13	07	779	94
13				845	843	833	830	839	849	856	865	869	870	854	821	787	775	793	817	836	846	848	847	849	851	850	847	838	0	9	28	889	13	00	769	120
14				844	840	839	837	839	839	847	858	859	858	850	831	805	794	798	815	830	839	844	847	851	850	847	845	838	0	7	45	861	13	56	792	69
15				843	841	839	839	839	840	848	849	844	831	816	800	795	801	813	826	827	843	845	846	849	848	858	855	835	0	22	51	861	12	17	793	68
16				845	843	840	836	843	846	844	846	842	827	816	804	808	814	831	847	852	850	852	848	846	843	843	842	838	0	16	41	854	11	49	797	57
17				844	844	844	836	843	836	847	852	852	844	830	813	806	808	814	827	834	840	842	(839	839)	840	840	841	836	0	8	06	855	12	18	806	49
18				841	841	839	839	839	836	846	856	852	837	826	816	804	802	811	826	837	844	841	839	840	842	843	841	835	0	7	53	857	13	38	800	57
19				839	838	838	839	840	844	853	858	849	840	825	814	802	803	810	822	843	857	867	851	843	843	845	854	838	0	18	11	869	12	35	800	69
20				838	837	838	837	840	843	831	851	855	843	828	811	798	794	794	808	827	839	841	838	841	850	862	841	833	0	22	06	884	14	08	791	93
21				857	856	858	858	841	852	855	859	856	857	818	785	771	780	790	813	822	855	870	880	882	859	856	853	837	1	19	39	890	12	26	769	121
22				846	841	835	843	847	857	853	848	848	828	813	800	794	799	815	835	854	860	856	852	851	852	853	847	839	0	5	57	861	12	03	792	69
23				835	839	839	839	843	856	863	864	859	841	819	801	792	794	812	829	843	854	855	853	854	857	851	844	839	0	6	56	870	12	46	790	80
24				843	841	839	839	843	851	864	867	859	843	821	792	765	762	778	816	828	838	843	849	872	887	887	861	837	1	21	45	903	12	21	757	146
25				857	854	849	849	850	856	867	872	863	858	841	820	797	785	799	821	839	856	867	867	869	868	866	855	847	0	21	09	886	13	45	782	104
26				846	846	845	828	836	848	855	853	849	843	829	818	809	805	821	833	842	850	852	850	851	854	855	853	840	0	6	29	858	13	20	801	57
27				841	844	843	841	842	848	858	862	857	846	828	805	787	779	790	812	833	844	845	843	843	845	846	845	834	0	8	11	863	13	28	778	85
28				843	843	840	838	843	847	859	862	853	836	816	800	786	790	797	810	827	837	842	840	843	845	846	845	833	0	7	24	863	12	44	784	79
29				844	843	841	840	840	843	850	858	857	843	822	802	781	774	782	804	825	839	841	840	841	843	845	844	831	0	8	09	861	13	09	772	89
30				843	841	838	837	837	840	845	843	837	825	814	802	794	797	807	823	837	845	847	845	842	843	845	844	832	0	18	04	850	13	00	793	57
31																																				
MEANS ALL DAYS				842	840	838	837	840	845	851	855	852	840	823	804	791	791	804	822	837	846	850	848	848	849	850	846	835								83
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE. MAGNETIC STORM

( ) = INTERPOLATED

⌈ ⌉ = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

□ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 85

VERTICAL INTENSITY

DECEMBER 1946

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DECEMBER 1946

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				843	842	840	838	841	841	852	857	854	848	832	809	788	787	800	816	832	842	842	839	839	839	839	839	833	0	8	01	858	13	12	785	73
2				842	851	846	845	842	844	850	845	840	851	809	796	781	772	787	812	828	840	843	840	840	844	849	849	830	0	7	06	852	13	18	770	82
3				843	843	840	836	841	842	849	850	841	826	804	792	799	807	815	819	851	860	860	855	847	844	844	845	837	0	17	30	861	11	10	790	71
4				843	841	841	842	844	849	857	857	845	816	798	776	777	789	808	830	842	848	848	845	844	842	842	842	832	0	7	27	860	11	56	774	86
5				842	839	839	840	844	853	861	852	839	823	806	796	799	807	814	832	843	849	846	854	855	846	840	846	836	0	6	36	864	11	33	794	70
6				840	841	840	840	840	849	858	859	847	839	821	802	793	808	821	837	847	853	851	843	842	842	842	842	837	0	7	06	865	12	50	791	74
7				840	843	841	846	845	852	862	868	862	849	827	803	796	796	812	824	837	844	845	842	842	842	842	840	838	0	8	24	874	12	31	795	79
8				836	840	840	840	843	852	859	862	852	839	815	796	791	784	802	824	846	855	862	855	847	846	845	840	836	0	7	39	868	13	41	782	86
9				840	838	838	836	844	854	869	875	866	854	834	813	797	794	798	815	830	842	848	844	842	845	848	845	838	0	7	59	880	13	00	791	89
10				842	840	836	836	838	851	865	871	867	843	812	788	783	790	802	822	843	849	850	853	853	850	849	856	837	0	7	34	874	12	17	781	93
11				844	838	836	835	844	846	853	859	853	829	788	772	775	780	797	822	840	853	858	857	851	853	857	853	833	0	7	35	862	11	56	769	93
12				851	835	830	818	833	844	851	860	874	867	842	811	792	789	796	814	830	838	849	862	864	860	861	851	838	0	8	41	878	13	43	786	92
13				842	836	830	829	839	847	855	855	851	840	828	811	789	786	794	815	839	846	846	846	846	852	858	851	835	0	22	24	864	13	17	783	81
14				846	842	839	839	840	845	845	843	846	845	835	821	805	799	808	827	840	844	846	847	846	847	846	845	837	0	0	11	849	13	29	797	52
15				844	844	841	841	843	848	853	854	839	820	798	793	797	801	811	823	836	844	848	848	846	844	842	843	833	0	7	16	856	11	31	792	64
16				843	844	845	843	845	851	863	866	853	829	816	813	813	811	813	820	832	837	839	839	839	(842	841)	839	836	0	6	56	870	13	35	810	60
17				842	841	840	841	843	849	854	862	859	844	820	803	794	794	811	830	844	856	860	853	850	856	846	842	839	0	7	30	873	13	23	790	83
18				845	845	847	848	850	857	863	861	851	832	811	795	788	789	801	817	826	835	838	838	837	839	846	844	833	0	6	31	864	12	45	787	77
19				840	840	842	843	848	855	864	867	856	840	819	798	791	797	809	823	850	873	882	879	891	879	873	867	847	0	20	35	900	12	16	790	110
20				854	849	854	851	852	862	869	867	857	845	832	821	816	823	842	855	861	858	858	858	856	855	852	851	850	0	7	02	871	12	54	815	56
21				850	850	850	850	855	859	865	870	860	855	(807)	789	789	798	811	824	835	862	865	852	851	852	852	847	841	0	18	11	879	11	47	786	93
22				844	838	839	842	846	855	867	866	854	839	821	805	805	793	808	828	845	854	852	851	851	853	848	844	840	0	6	25	870	13	34	787	83
23				833	839	841	843	846	850	859	855	840	822	805	796	785	776	789	809	835	848	850	853	865	853	847	840	832	0	20	37	871	13	15	772	99
24				841	834	835	836	844	852	860	869	869	851	818	791	782	780	804	829	846	854	848	842	845	844	847	844	836	0	7	59	875	13	33	772	103
25				838	836	835	835	838	844	858	863	866	860	839	807	790	781	786	804	828	843	845	843	841	841	844	842	834	0	7	59	868	13	39	778	90
26				838	836	831	828	829	826	850	859	866	854	830	802	789	795	807	820	834	845	842	851	861	859	858	861	837	0	7	35	875	12	50	788	37
27				853	846	844	843	840	845	853	853	847	834	809	781	772	772	787	807	825	838	848	847	847	849	850	849	831	0	7	17	856	13	06	769	87
28				848	844	835	830	[illegible]	840	[illegible]	847	860	851	826	809	803	801	805	819	842	850	853	849	849	852	856	851	837	0	8	22	863	13	03	801	62
29				849	846	845	[illegible]	843	842	843	854	856	[illegible]	[illegible]	816	790	788	791	805	824	840	843	841	845	850	850	846	835	0	8	34	859	13	58	786	73
30				840	840	843	843	841	841	845	844	838	824	813	806	803	807	813	819	829	840	842	838	838	838	840	842	832	0	1	00	849	12	47	801	48
31				844	844	841	841	838	842	847	846	844	835	826	816	817	815	817	826	842	850	847	841	839	842	845	847	837	0	17	42	851	13	56	812	39
MEANS ALL DAYS				843	842	840	839	842	848	856	859	853	839	819	801	793	794	805	822	838	848	850	849	849	848	848	847	836								79
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 86

DECLINATION

JANUARY 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1947

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				541	543	544	546	551	553	572	581	578	576	558	535	502	483	478	483	495	510	520	513	522	532	536	545	533	0	7	17	582	14	30	476	106
2				543	541	545	546	551	554	562	572	565	560	547	535	509	489	476	479	489	510	522	523	524	531	537	558	532	0	23	59	584	15	00	471	113
3				571	552	552	551	556	568	582	585	584	577	558	533	504	482	470	471	495	511	522	531	534	538	545	546	538	1	0	22	592	15	05	465	127
4				551	558	571	568	580	557	555	574	596	586	567	531	502	494	495	507	531	546	550	558	589	550	560	592	553	1	22	59	624	13	59	490	134
5				567	564	570	554	537	561	564	566	579	583	562	536	527	513	501	511	523	531	537	537	545	544	541	538	545	1	2	54	595	14	30	488	107
6				540	580	541	551	568	576	587	592	594	587	556	513	487	492	490	502	531	541	541	553	552	553	537	554	547	1	8	30	605	12	18	482	123
7				560	561	559	545	553	567	568	594	618	625	599	572	551	526	513	509	513	524	536	561	545	535	536	540	555	0	9	28	635	15	28	507	128
8				563	542	543	543	545	560	576	593	603	591	560	507	483	485	493	505	522	540	545	541	537	540	543	541	542	0	8	26	608	12	45	481	127
9				535	536	541	546	553	567	590	618	647	644	604	555	511	486	484	493	507	527	535	534	533	533	535	542	548	0	8	48	659	14	08	479	180
10				542	543	538	541	544	556	577	597	623	619	573	520	483	463	465	482	503	514	525	530	527	531	533	533	536	0	9	03	629	13	50	460	169
11				535	536	535	537	541	551	573	600	626	619	571	522	490	469	459	470	494	519	533	532	531	531	534	535	535	0	8	56	634	14	48	455	179
12				536	536	536	537	541	551	577	607	626	624	600	556	516	491	482	493	513	530	532	527	526	529	532	533	543	0	9	07	630	14	10	481	149
13				533	532	534	536	542	553	571	599	609	606	575	535	496	476	465	471	490	512	527	(527	524)	530	534	537	534	0	9	00	613	14	56	462	151
14				535	532	531	532	537	550	561	594	624	645	640	604	555	512	464	465	483	500	522	533	534	540	543	556	546	0	9	55	656	14	35	450	206
15				544	542	535	536	542	549	565	586	625	630	617	576	525	489	479	475	491	511	526	522	528	531	531	534	541	0	8	50	646	15	09	467	179
16				485	536	535	535	541	546	563	591	604	609	597	604	584	524	478	469	474	494	509	511	520	532	541	551	539	1	11	34	653	15	16	461	192
17				558	592	563	545	557	565	607	633	644	625	604	574	545	522	512	506	507	527	532	526	531	532	540	541	559	1	8	30	656	16	15	499	157
18				548	544	543	543	543	548	568	587	602	587	562	540	526	521	513	512	519	524	522	525	530	534	537	536	542	0	8	51	608	15	40	508	100
19				545	548	544	555	561	569	579	582	593	600	574	547	532	515	510	516	524	527	531	536	524	527	532	538	546	0	9	36	606	14	43	507	99
20				541	543	545	548	546	551	576	581	592	576	528	504	494	497	495	509	517	520	521	521	524	529	534	536	534	0	8	14	602	14	00	491	111
21				538	543	531	544	535	553	579	603	608	586	544	502	482	476	487	504	527	535	543	532	527	530	534	533	536	0	8	03	614	13	27	472	142
22				537	536	536	536	543	561	573	595	629	624	565	490	449	439	430	466	495	516	524	524	530	534	535	536	529	0	9	30	634	14	26	424	210
23				542	538	545	543	527	551	585	612	626	628	596	551	504	479	483	499	515	524	(534	532)	527	528	532	534	543	0	9	09	635	14	00	473	162
24				540	545	542	546	553	565	581	596	602	601	577	526	484	471	452	440	496	493	494	496	506	514	527	534	528	1	8	35	609	15	35	433	176
25				534	545	558	571	569	585	617	646	641	641	614	571	514	491	478	475	491	493	532	563	589	573	563	579	560	1	7	54	704	17	11	463	241
26				583	585	528	547	583	575	588	580	576	614	604	569	522	499	488	527	521	537	553	539	554	562	552	542	555	1	9	54	622	14	40	481	141
27				519	551	544	532	541	555	573	603	630	635	611	569	527	493	489	505	510	524	533	544	548	552	573	571	551	1	9	24	645	13	51	485	160
28				561	553	542	536	532	550	578	607	634	627	604	571	512	473	468	482	501	517	527	529	531	536	551	537	544	0	9	14	653	14	10	459	194
29				533	532	531	532	526	517	541	563	594	604	604	592	552	502	489	480	493	514	534	538	542	548	558	548	540	0	10	56	606	15	20	479	127
30				548	542	541	541	542	536	573	596	606	596	573	545	527	502	486	491	502	506	515	528	527	530	530	530	539	0	8	21	607	14	40	484	123
31				534	537	542	543	544	545	545	555	571	575	575	563	548	527	510	504	512	519	523	526	527	528	531	532	538	0	9	15	584	15	36	502	82
MEANS ALL DAYS				543	547	543	544	548	558	574	593	608	606	581	547	514	493	483	490	506	519	529	532	535	537	540	544	542								148
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
[ ] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 87

DECLINATION

FEBRUARY 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1947

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				538	541	540	542	544	554	568	584	587	585	580	566	538	511	498	494	505	521	525	526	528	530	534	534	541	0	8	35	600	15	28	492	108
2				536	540	544	548	552	563	575	580	587	588	575	562	546	524	512	509	515	522	525	531	532	532	532	533	544	0	9	10	589	15	24	508	81
3				536	536	534	533	532	551	575	585	575	571	540	513	503	505	501	505	509	517	528	534	530	529	530	529	533	0	7	16	589	14	30	495	94
4				539	550	548	549	560	566	587	602	617	589	559	540	528	514	508	492	492	508	524	534	555	542	530	529	544	0	8	37	632	16	19	486	146
5				535	538	541	544	553	563	593	611	617	611	589	559	533	511	503	502	509	513	517	522	521	528	528	531	545	0	8	36	620	15	25	493	127
6				536	538	539	540	541	546	563	588	606	596	566	524	496	485	469	479	499	496	510	522	536	533	534	534	532	0	8	30	611	14	26	459	152
7				538	539	541	542	540	546	567	582	601	608	596	563	526	496	480	481	473	482	505	504	507	521	540	525	533	1	8	44	612	16	18	464	148
8				530	545	563	549	552	560	579	605	617	619	609	585	553	523	502	498	490	509	534	556	556	551	574	577	556	1	9	25	625	16	14	486	139
9				561	561	564	571	598	585	552	584	586	594	570	535	521	497	486	487	497	527	543	533	519	524	528	530	544	1	7	24	611	16	02	484	127
10				537	542	536	534	502	537	562	584	614	617	616	590	554	515	488	471	480	490	511	504	510	531	533	560	538	0	4	46	641	15	54	467	174
11				543	544	546	550	554	559	576	596	610	609	595	574	542	522	501	488	491	506	521	522	524	524	526	531	544	0	9	00	612	15	45	485	127
12				538	540	540	542	545	552	572	589	612	620	613	574	530	500	489	478	479	492	509	524	526	528	540	538	540	0	9	50	624	15	53	474	150
13				542	538	539	541	547	554	571	579	594	591	574	550	515	484	469	471	493	510	524	524	525	524	526	531	534	0	9	06	598	14	54	464	134
14				538	544	544	542	544	548	572	597	605	599	583	549	515	491	481	480	493	506	517	520	(524	525)	528	531	536	0	7	57	606	15	15	475	131
15				537	545	543	541	545	554	574	598	607	602	586	546	493	470	465	472	490	511	522	525	523	527	532	536	535	0	8	10	610	14	32	463	147
16				539	539	540	544	547	551	563	580	595	601	579	536	482	451	453	456	457	479	521	509	538	553	565	555	531	1	9	25	606	15	53	438	168
17				552	560	567	562	578	591	600	612	617	580	569	539	514	506	498	523	523	535	541	562	546	549	556	550	555	1	8	17	648	14	02	482	166
18				533	553	545	542	544	551	578	605	615	606	582	546	529	514	515	520	539	548	546	545	546	535	539	544	551	0	8	05	625	13	32	505	120
19				543	538	533	530	534	542	544	563	577	569	560	543	523	509	508	506	512	523	537	542	546	554	552	555	539	1	8	32	583	15	58	503	80
20				545	541	554	552	546	542	561	580	600	606	585	555	527	514	507	508	516	527	529	529	529	530	534	536	544	1	9	10	618	15	00	505	113
21				535	535	536	537	541	549	565	588	606	598	572	530	496	474	470	482	497	517	527	526	527	526	529	533	533	0	9	05	608	14	13	469	139
22				535	536	540	541	544	549	566	589	610	600	568	533	502	485	480	485	499	517	522	523	523	525	527	531	535	0	8	35	611	14	25	472	139
23				532	537	540	543	548	552	568	592	606	597	566	526	500	489	489	494	501	516	523	522	523	525	526	528	535	0	9	25	608	13	45	486	122
24				533	535	537	540	544	548	560	585	605	605	565	536	500	481	470	472	481	501	514	523	531	522	528	534	531	0	9	30	608	14	45	468	140
25				533	539	550	551	546	550	569	596	613	608	580	547	504	476	461	458	473	494	510	531	543	534	529	537	535	0	8	22	619	15	03	449	170
26				538	540	545	545	547	555	570	601	610	599	585	547	517	492	475	477	495	513	523	521	528	526	531	538	538	0	8	24	620	14	25	472	148
27				540	541	539	537	540	544	561	575	594	613	607	580	539	507	490	487	501	514	522	524	524	525	529	531	540	0	9	58	618	15	13	482	136
28				537	538	539	538	539	548	560	580	584	593	569	561	528	495	475	478	484	500	514	521	520	524	535	538	534	0	9	20	599	14	25	473	126
29																																				
30																																				
31																																				
MEANS ALL DAYS				539	542	544	544	547	554	570	590	602	599	581	550	520	498	487	488	496	510	523	527	530	531	536	538	539								134
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 88

DECLINATION

MARCH 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES
(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				537	537	537	541	546	547	558	566	581	577	568	555	534	515	504	496	501	514	526	526	535	534	534	534	538	0	8	28	588	16	04	494	94
2				534	534	537	540	541	547	555	577	600	598	566	537	506	476	466	464	437	420	467	501	526	557	576	523	524	2	22	35	659	17	25	385	274
3				543	573	592	605	525	532	537	565	606	557	533	530	511	499	486	474	444	541	506	505	506	599	569	572	538	2	3	07	659	16	48	401	258
4				588	603	497	578	583	541	556	595	555	599	577	547	533	511	500	482	506	528	526	528	538	546	556	547	547	1	7	15	662	15	30	466	196
5				539	550	536	530	541	553	577	599	618	601	571	546	523	502	504	508	514	526	532	531	529	531	541	539	543	0	8	32	623	13	25	493	130
6				537	538	537	539	546	554	575	609	637	640	602	544	490	469	467	466	483	501	516	522	524	525	531	536	537	0	9	24	650	15	48	464	186
7				533	536	537	540	545	549	566	598	626	618	575	517	481	452	433	451	486	513	513	515	517	536	533	533	529	1	8	42	632	14	37	424	208
8				537	532	539	539	547	554	568	599	618	600	559	513	463	434	420	429	438	470	492	531	505	578	599	580	527	2	22	44	738	14	40	410	328
9				610	559	625	612	592	602	579	597	567	572	574	550	514	506	503	504	530	547	540	540	540	540	539	541	558	1	3	01	650	15	14	496	154
10				551	560	562	552	542	550	567	602	615	615	593	562	521	497	489	491	498	510	522	525	525	530	531	534	544	0	9	34	625	13	58	477	148
11				536	539	536	540	544	551	564	587	608	605	577	522	526	496	485	485	495	512	525	525	526	526	529	534	536	0	8	56	618	15	30	481	137
12				535	536	537	539	544	552	569	598	636	621	598	562	520	485	474	463	468	482	504	502	502	515	525	534	533	1	8	40	646	16	03	449	197
13				536	536	535	539	544	547	563	586	608	612	589	569	545	516	494	492	486	489	504	506	515	521	526	529	537	1	9	19	619	16	29	474	145
14				531	535	538	543	546	(549	557	577)	610	610	589	556	505	476	465	444	453	486	502	488	497	536	547	522	528	1	9	32	621	15	27	431	190
15				577	546	540	546	538	556	572	596	618	602	590	566	521	480	453	453	463	466	502	525	522	576	595	520	538	1	22	03	657	23	40	391	266
16				593	558	556	555	554	559	570	591	602	598	587	576	558	546	535	525	517	521	527	532	535	544	561	568	557	0	0	35	624	16	27	515	109
17				559	562	576	577	557	557	529	533	555	545	554	559	539	533	516	514	530	528	527	530	(526	528)	536	542	542	0	2	40	593	15	31	509	84
18				537	536	536	535	531	535	553	556	556	559	555	538	517	503	492	485	491	505	525	533	532	545	545	536	531	0	8	22	567	16	16	484	83
19				546	540	536	540	525	537	554	573	578	574	573	551	533	514	500	499	505	516	524	524	526	529	533	537	536	0	8	15	586	14	50	493	93
20				536	540	546	537	519	537	549	567	587	590	568	543	516	504	496	504	511	518	526	526	530	529	535	540	536	0	9	22	599	14	51	492	107
21				541	535	537	535	536	538	549	568	586	589	576	547	531	518	515	507	508	514	518	522	546	526	528	537	538	0	9	13	598	16	30	504	94
22				545	538	537	537	536	526	537	557	575	581	576	549	531	494	494	491	475	494	504	520	531	531	545	545	531	0	9	34	586	16	20	470	116
23				539	547	537	548	548	552	566	584	587	578	556	535	513	503	493	487	484	493	504	496	515	526	536	595	534	1	23	58	627	15	57	473	154
24				620	560	561	559	557	558	565	578	593	617	557	535	507	483	475	484	494	505	510	521	525	530	535	536	540	0	0	35	636	14	20	469	167
25				542	541	539	530	538	545	548	561	581	584	572	547	517	496	483	494	504	519	524	526	537	537	537	540	535	0	8	50	597	14	46	475	122
26				542	546	545	536	534	544	564	577	584	596	587	556	524	495	484	482	489	526	526	535	527	548	567	562	541	1	9	41	604	15	49	475	129
27				567	558	557	527	535	531	545	574	588	595	586	556	526	495	449	451	460	452	495	506	520	527	535	535	528	1	9	16	605	17	08	420	185
28				547	540	549	516	540	545	559	581	569	572	577	535	529	505	475	476	465	490	514	510	567	565	573	566	536	1	20	57	646	16	59	443	203
29				525	565	567	586	566	567	535	546	551	565	561	546	527	515	506	511	516	519	525	525	527	535	541	540	540	1	1	40	590	0	50	479	111
30				549	537	562	538	547	547	551	564	577	555	553	545	533	524	526	507	507	515	514	534	557	536	491	557	539	1	8	31	600	3	26	499	101
31				563	547	568	537	524	545	559	597	608	626	607	565	534	485	487	491	474	491	505	497	506	536	546	546	539	1	9	19	640	16	13	472	168
MEANS ALL DAYS				551	547	548	548	544	549	558	579	593	592	574	547	520	498	486	484	488	504	514	520	526	539	544	544	537								159
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE. MAGNETIC STORM
- ( ) = INTERPOLATED
- △ = RECORD OFF SHEET
- ⌈ ⌋ = ESTIMATED
- □ = CLOCK STOPPED
- ▽ = LAMP OUT
- ⩞ = NO RECORD

TABLE 89

DECLINATION

APRIL 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

APRIL 1947

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				557	541	536	539	544	547	555	568	579	578	570	549	525	499	492	487	489	500	510	515	526	533	535	536	534	0	8	29	587	16	08	479	108
2				534	534	534	537	538	539	555	582	608	609	598	570	535	505	488	493	496	509	517	520	526	526	536	541	539	0	9	00	613	14	19	484	129
3				539	546	540	536	537	539	552	577	608	609	597	557	519	495	472	470	489	508	517	522	527	527	529	532	535	0	9	50	618	14	56	447	171
4				534	537	537	542	547	556	569	581	576	590	583	560	531	504	482	472	466	475	485	507	526	547	539	560	534	1	9	41	596	16	56	452	144
5				557	570	564	558	547	546	550	569	573	585	578	556	522	497	485	485	495	511	519	525	526	531	528	533	538	0	8	08	594	15	26	484	110
6				536	540	537	537	537	547	558	577	594	620	599	558	517	496	471	486	480	495	511	521	524	526	533	542	535	0	9	56	636	14	55	466	170
7				548	547	535	534	546	544	554	568	571	576	565	531	506	485	480	484	493	509	516	518	517	521	529	541	530	0	9	25	578	14	05	472	106
8				548	541	537	537	538	546	556	570	596	602	592	561	536	515	501	499	499	501	510	516	513	535	528	535	538	0	9	43	609	14	57	494	115
9				536	537	536	537	537	539	560	604	568	583	567	540	506	468	459	454	471	486	495	512	535	540	545	548	528	1	7	46	640	15	17	444	196
10				540	540	542	546	546	549	556	567	569	576	568	558	542	521	502	494	500	508	522	525	527	533	536	535	538	0	9	40	579	15	43	486	93
11				536	537	538	540	542	545	549	551	549	567	567	549	529	506	500	509	509	516	527	526	528	529	532	539	534	0	10	00	572	14	15	496	76
12				550	548	535	522	534	536	531	548	577	(588)	583	567	545	526	507	501	501	510	526	527	531	539	540	541	538	0	9	00	593	16	41	494	99
13				537	534	532	529	535	519	520	539	584	600	578	567	537	514	501	500	505	517	525	528	535	544	548	541	536	0	9	10	613	15	35	495	118
14				539	538	531	522	515	520	534	551	567	580	581	572	548	524	503	502	500	516	526	531	545	540	540	547	536	0	9	30	586	14	53	495	91
15				547	538	533	531	526	534	534	547	560	568	566	556	526	505	485	495	501	515	514	(526	531	540)	543	546	532	0	9	39	578	14	34	475	103
16				539	537	524	531	535	533	543	559	577	576	560	557	539	516	501	493	499	509	516	529	547	546	548	548	536	0	8	43	587	15	23	485	102
17				546	542	532	540	542	546	541	545	542	566	566	556	539	516	510	501	506	514	517	525	527	538	563	567	537	2	23	48	617	15	12	496	121
18				559	561	575	486	426	487	528	535	577	548	546	548	539	527	515	505	509	506	503	494	550	515	522	576	527	2	5	09	704	5	45	127	577
19				572	548	553	547	550	501	558	572	587	584	574	563	546	525	509	510	508	515	539	546	544	545	555	545	546	1	9	02	599	5	29	460	139
20				531	535	535	536	537	539	545	535	561	570	569	567	544	516	494	478	485	500	517	527	539	539	536	536	532	1	9	38	583	15	35	465	118
21				537	535	552	537	542	541	545	558	573	584	577	563	542	520	501	500	497	502	518	527	532	536	536	536	537	0	9	36	587	15	12	491	96
22				536	536	536	536	537	539	546	560	573	576	566	551	535	519	505	502	508	520	525	527	532	533	532	532	536	0	8	43	578	15	55	498	80
23				535	535	536	536	539	540	541	547	563	570	569	556	532	508	501	496	499	512	522	522	525	529	528	529	532	0	10	10	577	15	45	494	83
24				530	530	531	535	536	538	542	556	578	590	580	560	532	506	496	496	504	515	524	524	528	529	531	531	534	0	9	31	593	15	01	494	99
25				531	531	531	531	536	537	542	553	578	589	585	570	539	507	494	490	496	508	514	522	527	529	535	540	534	0	9	40	592	15	12	488	104
26				541	541	545	537	542	545	544	558	579	584	577	559	537	518	501	501	503	508	515	519	526	531	535	537	537	0	8	57	590	14	52	494	96
27				545	549	549	555	548	552	558	556	569	573	563	543	522	508	497	500	496	499	508	515	526	529	535	540	535	0	9	52	583	16	49	482	101
28				538	538	537	540	546	541	550	568	586	598	582	560	537	509	496	484	496	508	519	525	528	539	555	538	538	0	9	34	617	15	25	477	140
29				540	535	538	540	536	545	546	561	583	587	573	548	527	499	486	489	485	483	495	516	519	535	541	540	531	0	9	32	590	14	15	472	118
30				540	540	539	539	540	541	545	566	597	595	582	556	531	514	506	496	495	502	508	522	527	535	538	536	537	0	8	46	607	15	43	487	120
31																																				
MEANS ALL DAYS				542	541	539	536	535	538	547	561	577	584	575	557	532	509	495	492	496	506	515	522	530	534	538	542	535								131
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
[ ] = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 90

DECLINATION

MAY 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0 TH MERIDIAN MEAN TIME)

MAY 1947

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				536	530	535	527	533	536	539	553	569	592	573	556	501	489	471	492	494	500	507	505	516	520	522	532	526	1	9	10	602	14	35	464	138
2				539	546	544	541	541	538	539	547	567	581	572	560	545	527	513	507	500	505	509	515	520	523	526	531	535	0	9	15	582	16	24	499	83
3				533	533	532	531	533	532	535	548	570	577	573	561	542	510	497	485	483	500	507	513	518	523	529	529	529	0	9	17	581	16	17	477	104
4				531	529	529	530	535	536	538	547	568	582	582	573	557	532	505	489	486	495	510	515	522	525	527	529	532	0	10	12	589	16	06	481	108
5				529	531	533	530	533	534	537	545	567	584	584	561	536	505	487	478	491	505	512	520	522	525	526	531	529	0	9	48	589	15	35	475	114
6				533	541	542	536	537	539	543	556	570	577	567	545	518	497	489	487	494	503	509	515	518	520	526	540	529	0	9	34	578	15	24	484	94
7				538	538	544	538	536	537	541	558	562	576	567	542	515	505	490	489	494	509	512	513	517	522	526	528	529	0	10	03	578	14	34	487	91
8				530	532	532	533	534	533	535	543	562	575	567	547	526	507	490	483	491	505	511	514	520	523	526	527	527	0	9	42	577	15	47	481	96
9				528	529	530	532	534	537	539	553	570	579	567	541	513	505	501	502	503	506	513	515	519	522	526	528	529	0	9	29	582	14	57	500	82
10				528	527	528	532	532	532	536	545	567	577	571	557	533	511	503	501	500	505	507	514	522	525	528	531	530	0	9	42	579	15	56	497	82
11				530	530	533	531	531	531	532	533	544	553	552	544	534	520	508	497	500	511	516	521	526	532	532	532	528	0	9	34	554	15	46	492	62
12				536	537	538	543	541	533	531	520	524	541	540	543	539	528	517	506	506	517	517	517	519	528	533	532	529	0	9	58	555	16	30	502	53
13				534	537	534	530	530	528	531	537	531	555	565	562	551	525	495	476	485	494	512	520	525	527	528	531	527	0	10	24	569	15	55	468	101
14				529	529	540	537	528	537	531	525	540	538	541	539	527	515	502	492	494	500	498	524	534	531	542	541	526	1	19	44	554	15	27	478	76
15				540	542	541	537	534	532	532	539	560	575	578	560	542	529	505	493	495	510	519	523	537	540	554	563	537	1	9	23	601	15	56	485	116
16				541	532	530	532	500	541	536	520	509	539	559	553	540	514	491	479	491	505	526	524	533	565	551	541	527	1	21	33	573	15	20	468	105
17				538	555	522	510	511	525	523	517	547	549	546	532	526	510	502	492	497	506	522	515	522	535	536	541	523	0	9	58	555	15	10	487	68
18				537	542	534	534	532	520	531	540	553	558	553	550	537	515	501	480	493	506	515	521	529	532	534	555	529	0	23	47	577	15	45	472	105
19				546	542	544	539	532	534	522	507	536	553	560	551	531	514	492	489	490	499	509	521	528	536	540	536	527	0	0	00	565	15	13	481	84
20				533	530	530	529	527	526	522	521	537	559	570	565	547	517	485	470	485	509	511	515	527	532	534	536	526	0	10	54	572	15	33	468	104
21				533	525	525	526	527	522	521	526	548	568	562	549	532	516	500	489	491	505	515	(517)	528	532	534	534	526	0	9	06	574	15	34	485	89
22				531	527	528	527	528	531	531	541	553	571	568	564	547	523	499	490	501	513	515	521	520	526	530	531	530	0	9	58	573	15	16	487	86
23				531	529	528	530	530	531	532	542	567	590	591	562	531	514	509	491	492	510	517	523	528	531	532	531	532	1	9	53	603	16	16	483	120
24				528	527	529	532	528	530	531	534	554	571	577	556	527	516	481	437	433	460	492	516	532	553	546	545	522	1	10	19	604	15	30	390	214
25				537	536	532	532	538	540	541	545	560	573	567	552	535	520	509	501	504	514	518	522	517	525	530	533	533	0	9	29	587	14	52	495	92
26				537	539	536	542	545	545	545	542	557	574	573	562	546	525	492	495	485	501	503	520	526	532	535	536	533	0	9	32	580	16	08	477	103
27				542	537	534	536	537	538	527	533	563	576	583	552	533	503	492	470	486	491	511	518	525	536	536	530	529	0	10	05	592	15	30	460	132
28				526	527	525	530	536	536	540	541	545	562	563	551	533	522	501	490	497	512	520	521	524	527	554	536	530	0	10	05	568	15	59	487	81
29				537	531	529	526	531	538	527	532	557	572	572	561	536	517	492	477	487	492	481	501	515	527	529	552	526	0	9	40	576	15	14	470	106
30				553	549	556	547	542	542	542	543	557	572	573	559	536	521	507	501	506	516	518	520	523	528	531	532	536	0	10	15	578	16	00	499	79
31				528	527	526	528	532	533	532	533	549	564	573	567	550	535	516	500	498	510	517	516	522	526	530	532	531	0	10	20	574	16	14	488	86
MEANS ALL DAYS				535	534	534	533	532	534	534	538	554	568	567	554	534	516	498	488	492	504	511	517	524	530	533	536	529								99
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE, MAGNETIC STORM

( ) = INTERPOLATED

[ ] = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

☐ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 91

DECLINATION

JUNE 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JUNE 1947

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHAR-ACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				533	542	534	543	546	558	558	552	531	512	539	533	521	518	503	480	477	484	511	521	525	531	536	541	526	0	8	16	593	15	54	462	131
2				541	536	535	532	532	532	533	533	542	562	569	569	554	541	521	509	506	512	522	523	523	527	528	528	534	0	10	58	573	16	12	502	71
3				528	527	527	531	531	531	532	533	547	568	572	559	532	511	501	491	492	513	520	521	522	530	531	532	528	0	10	01	582	16	00	487	95
4				535	537	535	536	536	536	536	536	542	558	568	572	557	533	503	491	496	512	521	521	523	528	531	533	532	0	11	05	588	15	48	486	102
5				537	534	541	532	532	532	531	522	531	547	563	562	549	533	507	476	453	484	507	510	529	536	541	541	526	1	10	34	569	16	37	440	129
6				536	531	519	519	531	527	507	492	498	549	563	562	550	538	522	510	505	520	519	522	528	531	529	529	527	0	9	53	573	8	42	469	104
7				528	527	522	523	515	511	511	504	510	522	541	539	523	514	510	506	511	518	520	522	531	533	533	541	521	0	10	48	551	15	27	502	49
8				546	543	532	531	532	508	491	480	499	522	516	532	533	533	526	510	506	516	522	526	539	533	542	551	524	0	23	40	563	7	14	460	103
9				542	546	519	529	532	532	523	516	524	539	539	530	521	521	516	506	491	510	520	524	522	533	533	533	525	0	1	27	552	16	42	489	63
10				533	541	534	531	522	520	519	520	533	543	536	532	520	520	510	512	513	516	520	522	527	532	533	537	526	0	9	37	551	14	26	501	50
11				534	531	527	527	530	533	531	529	530	531	539	541	532	523	521	510	509	514	517	523	532	531	532	533	528	0	11	27	548	15	29	500	48
12				528	525	526	526	532	529	527	522	525	554	(542)	559	532	529	520	510	502	517	523	522	523	531	526	529	526	0	9	17	548	16	07	500	48
13				524	523	523	523	527	522	514	505	511	530	526	530	535	530	521	503	502	512	522	523	531	532	532	531	522	0	12	42	541	16	11	499	42
14				523	521	511	531	531	532	512	461	493	480	527	537	512	523	510	470	491	502	502	522	531	487	484	542	510	1	11	50	573	15	14	439	134
15				544	530	537	532	533	533	533	534	531	541	549	531	522	511	501	492	502	511	511	521	527	536	536	532	526	1	10	30	558	15	02	488	70
16				533	528	522	522	523	523	523	526	537	548	553	554	546	531	511	499	502	512	521	522	523	523	524	528	526	0	9	50	562	15	26	481	81
17				531	530	526	522	522	526	528	531	534	549	557	549	511	498	486	473	470	486	503	512	531	542	543	581	523	1	23	58	601	16	18	455	146
18				573	565	526	532	533	530	528	531	541	554	557	547	522	515	496	478	481	492	499	510	522	532	540	541	527	0	0	01	595	15	14	474	121
19				541	532	533	529	522	531	514	513	541	563	571	569	542	523	508	492	499	510	512	522	527	531	531	531	529	0	10	34	576	16	10	490	86
20				533	519	530	532	523	527	531	522	533	556	556	552	536	520	500	482	490	501	507	512	522	527	531	533	524	0	9	48	562	15	55	473	89
21				535	532	532	533	531	529	529	521	527	540	552	549	542	530	520	502	502	512	512	516	521	523	531	532	527	0	10	40	554	16	03	500	54
22				532	532	531	528	532	531	532	512	519	542	543	548	537	529	501	487	489	510	509	510	520	523	532	533	523	0	11	22	555	16	40	481	74
23				533	543	537	536	535	531	529	533	535	542	552	(553)	534	511	480	469	481	486	500	514	522	531	532	541	523	0	11	04	(554)	15	31	461	93
24				542	536	528	530	532	533	531	528	533	546	522	546	536	521	501	492	491	501	501	511	511	509	521	529	522	0	10	38	560	16	03	481	79
25				533	535	533	540	536	536	536	533	537	546	549	541	513	491	481	471	480	485	501	510	531	537	537	542	522	0	9	48	562	15	59	469	93
26				543	542	544	532	533	531	522	527	546	562	562	553	522	497	476	490	491	502	506	502	523	533	549	551	527	0	9	44	564	14	39	469	95
27				552	547	537	532	527	532	527	520	534	549	556	542	532	522	510	492	496	510	517	519	521	522	531	533	528	0	10	07	563	15	49	488	75
28				532	532	532	532	532	532	532	529	536	556	562	554	539	521	507	486	482	492	501	507	521	530	532	531	525	0	10	10	563	15	56	478	85
29				529	531	531	528	529	528	531	523	533	543	548	541	522	511	495	479	500	514	521	522	523	526	530	532	524	0	10	11	552	15	29	471	81
30				530	529	530	531	531	532	533	535	533	537	521	552	549	532	511	489	490	501	512	522	525	531	532	535	526	0	10	55	554	15	28	480	74
31																																				
MEANS ALL DAYS				536	534	530	530	530	530	526	521	529	542	548	547	533	521	506	492	493	505	513	518	525	528	531	537	525								86
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 92

DECLINATION

JULY 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

JULY 1947

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				538	540	531	532	531	531	530	526	524	541	553	556	540	532	510	502	505	512	522	522	522	530	531	535	529	0	11	07	562	15	09	497	65
2				532	534	536	530	527	528	530	509	515	535	543	544	549	534	508	483	486	511	561	518	516	521	530	532	526	0	12	13	560	15	40	470	90
3				537	535	536	532	530	531	519	518	526	540	544	545	537	529	509	493	498	504	511	519	523	525	525	529	525	0	10	00	547	15	29	489	58
4				527	528	528	529	527	522	528	519	521	531	540	541	530	518	509	501	502	509	518	518	519	521	523	524	522	0	11	03	543	15	39	498	45
5				523	522	520	520	519	519	519	520	527	541	551	551	542	531	516	505	503	510	518	520	520	523	524	525	524	0	11	03	553	16	12	501	52
6				523	520	520	518	519	521	521	521	532	544	539	532	520	509	505	502	503	510	517	518	522	529	530	529	521	0	9	36	550	16	15	498	52
7				529	525	522	519	519	518	519	515	505	522	533	548	550	543	522	509	506	511	519	521	523	526	529	534	524	0	12	40	553	8	49	498	55
8				525	524	520	519	514	513	515	509	520	534	552	555	546	532	(522	504)	504	513	520	521	526	529	531	534	524	0	10	22	561	15	42	500	61
9				525	520	510	520	520	520	520	512	517	539	553	553	538	522	506	497	502	514	521	525	528	530	530	527	523	0	10	37	561	15	42	493	68
10				523	521	519	519	513	522	523	520	515	534	549	552	544	529	511	502	504	517	521	519	525	528	528	530	524	0	11	51	556	15	27	494	62
11				541	532	521	521	521	520	515	517	520	540	562	561	552	531	515	500	500	516	521	521	522	530	530	531	527	0	11	04	571	15	55	497	74
12				535	531	521	519	518	521	516	519	529	546	556	545	527	503	489	499	509	513	517	519	526	534	530	527	523	0	10	29	561	14	16	482	79
13				524	521	527	520	520	523	530	531	540	539	551	533	511	505	499	500	507	510	511	515	522	530	533	538	522	0	10	32	560	14	14	485	75
14				547	527	531	521	522	520	514	521	540	556	567	559	534	509	489	486	499	510	517	519	(523	527)	526	528	525	0	10	03	573	15	40	483	90
15				530	532	523	521	520	521	522	528	542	561	567	562	531	515	495	488	499	509	516	520	522	528	527	526	525	0	10	42	571	15	37	485	86
16				523	521	520	519	515	521	522	526	541	552	557	549	533	520	505	499	499	510	518	521	522	523	525	526	524	0	10	23	561	16	02	495	66
17				525	523	522	522	521	521	522	526	543	561	562	552	532	513	500	486	492	510	515	521	522	525	532	532	524	0	9	41	563	15	36	483	80
18				531	521	490	499	565	531	578	550	530	540	557	571	548	523	505	497	488	499	500	525	531	530	576	580	532	2	6	39	612	2	13	384	228
19				559	579	523	567	543	535	521	507	538	562	575	561	552	520	514	487	488	493	511	521	521	536	532	535	532	1	1	15	593	15	30	479	114
20				537	541	549	538	544	531	531	530	540	550	557	561	542	520	498	476	480	499	499	503	503	520	531	543	526	1	10	55	568	16	06	469	99
21				540	545	548	542	541	538	532	518	530	544	552	553	554	521	510	488	495	507	520	512	518	526	530	530	529	0	12	28	561	15	36	480	81
22				525	522	524	521	525	526	531	530	531	540	541	542	535	519	498	481	481	500	506	513	(521	526)	531	543	521	0	23	43	552	15	44	476	76
23				546	541	537	541	542	540	537	542	543	557	561	553	541	509	494	470	473	494	499	511	532	537	543	545	529	0	10	17	565	15	47	460	105
24				539	541	532	535	541	536	525	530	539	555	566	547	525	515	501	510	503	517	516	522	530	540	531	537	531	0	10	11	574	14	24	495	79
25				540	538	532	534	536	534	535	542	546	570	576	557	537	520	511	480	478	501	512	520	526	534	542	548	531	0	10	39	584	15	38	469	115
26				541	550	544	548	546	538	538	538	533	549	547	548	526	519	490	482	482	498	519	512	535	538	541	541	529	0	1	56	559	16	06	477	82
27				542	552	543	539	535	536	534	533	544	551	553	551	524	498	488	492	508	511	510	520	520	534	541	540	529	0	10	50	560	14	26	476	84
28				537	531	533	528	531	530	531	535	546	564	572	567	546	507	486	484	499	519	514	520	525	530	531	532	529	0	10	32	577	14	20	479	98
29				531	531	531	532	530	526	526	538	551	568	571	561	534	519	503	489	500	500	507	507	531	531	532	539	529	0	9	42	578	15	31	483	95
30				540	531	528	526	530	531	532	540	556	571	573	561	533	510	499	490	500	506	512	520	524	529	530	531	529	0	10	06	578	15	49	487	91
31				531	530	529	530	530	531	531	535	549	566	571	564	551	537	521	503	505	511	520	522	526	533	534	535	533	0	10	30	572	15	43	501	71
MEANS ALL DAYS				534	533	527	528	529	527	527	526	533	548	556	553	538	520	504	493	497	508	516	518	523	529	533	535	526								83
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
∇ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 93

DECLINATION

AUGUST 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1947

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				533	531	529	524	530	520	509	509	536	539	553	560	560	536	520	498	495	512	524	526	532	535	532	533	528	0	11	03	568	16	01	~~483~~	85
2				536	529	524	515	510	516	527	535	550	569	577	565	539	515	493	500	497	510	515	520	527	531	533	533	528	0	10	50	584	14	52	477	107
3				525	520	520	524	522	512	525	519	537	555	570	560	531	509	489	487	496	501	511	518	526	527	531	535	523	0	10	35	576	15	12	479	97
4				531	527	520	514	524	524	520	520	532	562	589	588	566	532	512	492	500	511	512	521	527	531	532	531	530	0	11	01	600	15	21	488	112
5				529	527	527	527	527	529	529	531	540	564	581	583	566	549	523	500	495	507	514	515	522	522	525	525	532	0	10	23	588	16	07	492	96
6				524	522	524	526	529	530	530	524	536	558	581	591	572	549	508	495	500	512	517	518	525	526	530	531	532	0	11	18	597	15	24	489	108
7				530	526	521	516	518	521	520	521	530	556	577	579	568	540	507	490	492	505	518	523	526	526	526	526	528	0	10	23	588	15	38	485	103
8				524	523	523	522	529	531	532	537	548	552	562	559	541	515	505	495	498	511	521	526	529	536	539	533	529	0	10	24	569	16	07	489	80
9				529	527	527	528	531	532	533	540	561	591	595	587	567	540	520	500	500	508	519	521	521	521	523	525	535	0	10	04	605	15	45	499	106
10				523	521	521	521	526	522	523	525	541	556	564	555	534	515	500	491	499	510	514	518	520	529	535	533	525	0	11	01	572	15	43	489	83
11				527	520	520	526	529	531	530	539	559	577	585	584	561	533	510	493	500	510	511	517	520	525	540	546	533	0	10	51	593	15	44	488	105
12				535	531	520	521	519	518	511	518	546	556	565	560	535	512	469	454	468	463	513	528	531	536	542	541	520	1	8	55	579	15	45	436	143
13				530	530	529	528	520	509	517	508	537	570	582	578	555	521	494	478	485	500	510	518	521	531	540	545	526	0	10	20	584	15	35	468	116
14				556	543	550	554	552	541	550	529	559	601	604	596	577	538	509	500	495	508	510	517	521	523	543	547	543	1	10	02	614	16	32	487	127
15				553	558	552	539	536	532	534	532	552	566	571	563	552	536	520	500	490	494	489	500	505	522	533	534	532	1	10	00	572	20	10	446	126
16				540	523	514	512	501	509	441	489	479	529	556	549	537	527	515	505	502	505	520	515	558	560	546	572	521	1	20	51	618	7	53	365	253
17				566	560	561	551	552	546	549	540	555	541	562	561	531	517	502	482	469	499	493	496	530	541	549	570	534	1	23	21	599	16	44	459	140
18				569	563	552	564	562	534	539	541	550	539	509	527	522	492	481	512	500	494	504	508	547	539	554	567	532	1	1	14	583	14	15	466	117
19				579	560	568	562	545	526	531	540	543	566	573	563	554	527	488	479	481	488	471	500	506	548	546	574	534	1	24	00	617	18	55	456	161
20				591	571	560	544	547	543	529	526	544	557	561	581	558	521	508	502	501	505	506	506	519	530	547	563	538	1	0	08	629	7	00	476	153
21				572	558	543	526	553	525	533	533	543	563	573	562	526	505	479	474	469	494	519	515	518	533	552	557	529	1	0	05	595	14	50	461	134
22				557	560	560	551	552	523	541	551	561	564	562	554	531	520	498	478	486	498	519	513	519	540	543	565	535	2	18	26	635	18	42	366	269
23				575	542	529	528	538	538	543	543	546	526	514	540	531	517	500	492	500	512	521	536	(531	550	554)	552	532	1	0	00	609	14	44	479	... 0
24				542	550	536	541	532	531	531	532	540	556	578	581	559	526	500	491	491	513	502	518	529	537	531	533	532	1	11	45	585	14	45	478	107
25				533	533	520	532	551	527	527	538	559	571	584	572	557	521	502	481	498	523	503	525	531	541	549	564	535	1	10	26	591	15	51	475	116
26				560	548	547	553	531	529	532	539	562	581	583	570	546	514	493	473	496	504	501	(520	531)	531	536	538	533	0	10	26	591	15	15	469	122
27				541	547	536	529	529	529	533	541	548	567	562	550	539	521	501	489	479	479	506	517	529	532	533	532	528	0	9	40	572	17	20	467	105
28				531	526	523	523	521	521	526	541	567	576	570	563	543	515	493	479	477	493	509	511	519	526	532	542	526	0	9	40	579	16	05	471	108
29				531	533	535	529	534	539	539	550	566	578	573	559	531	504	491	489	492	500	506	512	523	529	529	530	529	0	10	01	592	15	44	480	112
30				539	530	522	522	522	522	524	532	556	583	600	583	560	539	511	498	492	504	511	515	521	521	523	523	531	0	10	30	614	16	30	488	126
31				523	523	523	523	517	521	523	532	557	575	584	582	563	543	518	500	495	492	499	505	510	515	521	523	528	0	10	58	587	17	37	488	99
MEANS ALL DAYS				543	537	533	531	531	527	527	531	547	563	571	568	549	524	502	490	492	502	509	516	525	532	537	543	530								124
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE, MAGNETIC STORM
- ( ) = INTERPOLATED
- [ ] = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⊼ = NO RECORD

TABLE 94

DECLINATION

SEPTEMBER 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1947

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				531	538	544	533	520	513	508	525	556	574	573	581	562	544	525	512	501	501	507	510	515	519	520	522	531	0	10	00	593	16	46	497	96
2				522	520	517	519	531	528	529	532	541	564	580	579	571	552	531	508	499	500	509	510	514	518	520	520	530	0	11	00	583	16	59	489	94
3				521	525	523	526	528	526	512	515	541	561	552	559	550	536	482	489	421	368	463	488	510	527	537	576	514	1	23	42	595	17	58	317	278
4				583	582	606	645	573	542	543	520	510	511	539	554	551	521	526	515	503	506	512	512	521	527	531	535	540	1	3	31	675	8	51	489	186
5				534	537	532	521	535	536	534	539	530	553	567	575	573	542	513	497	490	501	510	510	523	541	533	534	532	0	11	54	582	16	09	489	93
6				542	552	542	536	538	534	531	532	567	571	578	579	563	539	520	501	507	519	520	513	515	531	532	563	539	1	10	07	595	15	46	496	99
7				583	571	573	532	520	531	536	541	551	571	569	567	555	538	504	496	499	499	509	511	521	542	542	542	538	1	0	43	595	15	22	488	107
8				572	563	551	540	596	593	587	604	589	583	570	559	532	522	502	485	485	494	502	511	519	521	526	530	543	1	4	24	618	15	06	459	159
9				529	526	521	525	522	531	536	553	564	586	588	580	557	536	515	498	490	500	508	513	515	520	520	530	532	0	10	10	592	16	10	487	105
10				527	521	521	520	520	529	533	551	567	583	589	578	552	528	502	494	496	501	506	510	513	519	521	522	529	0	10	22	591	15	43	493	98
11				521	520	521	521	522	527	533	544	559	567	571	562	539	517	497	485	485	489	500	505	503	517	531	536	524	0	10	19	572	16	16	482	90
12				559	565	553	541	555	561	557	552	579	593	585	570	540	506	486	483	483	501	510	513	518	520	526	528	537	0	10	09	606	15	57	464	142
13				524	526	542	536	548	542	531	546	574	577	564	546	510	474	441	441	427	442	461	447	542	550	541	545	516	1	8	55	593	16	41	388	205
14				555	552	558	555	549	561	552	566	601	612	606	590	542	509	469	468	468	453	489	488	540	571	548	572	541	1	9	31	623	18	00	447	176
15				555	552	546	543	521	530	548	556	566	573	579	567	542	510	480	461	478	483	501	528	534	554	573	575	536	1	23	15	636	15	09	451	185
16				574	563	547	547	492	534	541	562	585	595	597	584	550	512	480	476	483	500	509	(510	511)	519	521	531	534	1	0	04	626	15	25	474	152
17				532	553	541	553	536	531	550	570	584	583	583	541	519	489	489	483	490	511	530	541	521	519	556	591	537	1	23	33	633	14	07	465	168
18				574	562	553	541	561	572	541	573	572	566	574	540	505	479	468	468	486	489	524	508	519	567	534	533	534	1	21	28	593	14	03	451	142
19				541	520	531	537	511	520	528	552	571	579	571	542	511	500	488	489	493	504	511	525	527	541	544	546	528	1	9	25	588	16	22	480	108
20				527	521	531	510	510	511	541	565	569	587	582	542	509	484	474	476	490	500	501	515	528	536	550	540	525	0	10	12	594	14	15	470	124
21				532	540	534	530	533	540	542	560	587	596	590	560	515	495	475	469	487	492	506	514	521	538	558	550	532	0	9	19	598	15	26	466	132
22				543	538	536	540	534	539	553	558	573	577	570	544	510	467	441	442	442	448	463	526	521	526	564	541	521	0	22	16	594	14	30	430	164
23				525	532	520	514	524	527	546	542	571	569	571	555	524	453	440	419	442	438	462	489	510	521	530	529	511	1	10	37	580	15	23	412	168
24				528	528	529	531	534	541	552	573	581	571	561	540	513	478	480	478	489	485	478	495	519	519	546	588	527	1	23	30	653	13	51	456	197
25				602	603	546	579	607	577	550	561	522	540	553	543	531	513	514	552	511	520	526	526	561	541	552	582	550	1	4	00	653	2	55	452	201
26				588	595	520	512	531	527	515	545	561	563	545	534	524	513	506	509	510	515	518	515	518	520	522	532	531	1	0	09	614	3	47	477	137
27				541	532	526	521	533	541	540	561	590	584	564	550	519	509	499	500	505	510	511	510	511	515	520	522	530	0	8	56	605	14	40	493	112
28				528	531	531	531	529	531	540	561	576	574	574	550	532	519	503	492	496	509	510	510	514	520	521	521	529	0	10	31	582	15	40	491	91
29				526	539	531	520	519	514	524	547	561	576	568	551	523	503	487	488	498	510	525	519	519	520	525	530	526	0	9	28	597	14	54	484	113
30				535	540	535	525	524	531	546	561	561	571	555	531	509	489	478	474	489	509	518	518	519	521	526	525	525	0	9	40	576	15	14	470	106
31																																				
MEANS ALL DAYS				545	545	539	536	535	537	539	552	565	574	572	558	534	509	490	485	485	490	503	510	521	530	536	543	531								141
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⏅ = NO RECORD

TABLE 95

DECLINATION

OCTOBER 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

OCTOBER 1947

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				529	530	524	520	502	526	541	557	558	581	588	555	523	504	468	478	490	496	497	500	510	516	515	520	522	1	10	12	595	14	36	436	159
2				521	524	520	507	515	511	521	559	557	573	567	542	500	480	485	507	517	536	517	543	541	545	532	557	528	1	9	49	582	22	52	466	116
3				571	563	567	556	552	532	543	561	592	586	603	583	549	508	500	501	516	543	522	538	552	563	541	527	549	1	10	35	618	14	10	492	126
4				521	521	521	524	523	515	518	561	584	603	595	553	498	456	446	460	490	511	513	511	515	517	521	522	521	0	9	07	614	14	52	441	173
5				531	525	522	521	528	536	552	571	598	615	598	571	527	480	451	450	470	489	506	505	510	511	519	522	525	0	9	22	621	14	39	448	173
6				521	521	523	525	525	530	548	575	602	604	603	572	527	480	460	450	464	488	503	510	511	525	521	534	526	0	9	02	613	15	14	441	172
7				528	521	522	523	524	517	536	563	583	601	596	574	535	498	472	469	480	502	510	509	512	518	520	522	526	0	9	48	606	15	10	464	142
8				524	532	551	542	502	511	545	564	573	566	555	531	496	475	470	469	487	506	510	512	513	517	522	521	521	1	7	36	593	15	09	462	131
9				529	536	546	537	537	550	576	594	616	606	561	529	492	454	434	455	456	463	458	486	541	539	539	528	523	1	8	44	644	14	48	424	220
10				560	566	568	613	574	557	567	581	610	612	566	558	539	509	480	461	463	489	490	496	496	534	561	553	542	1	8	50	624	15	13	440	184
11				530	553	540	564	523	563	567	568	578	573	549	528	498	479	477	479	499	498	510	537	521	537	543	558	532	1	8	35	600	14	53	465	135
12				574	552	558	557	533	528	552	576	583	583	559	549	523	500	470	469	460	486	510	510	531	590	552	531	535	1	21	08	616	16	44	455	161
13				537	548	532	531	534	550	562	571	590	589	584	560	521	474	454	449	478	495	509	510	512	521	528	532	528	1	8	31	603	15	40	439	164
14				562	560	523	534	546	528	538	574	580	572	580	558	528	485	449	459	482	506	521	527	545	552	557	529	533	1	7	43	594	14	22	441	153
15				531	523	510	500	534	541	548	542	549	562	570	552	518	477	468	464	466	494	511	506	573	552	555	562	525	1	20	25	595	14	12	449	146
16				554	542	538	533	541	532	522	533	560	574	578	561	523	493	481	476	489	496	519	552	531	542	544	551	532	0	10	19	587	15	20	470	117
17				542	542	539	531	533	542	552	568	583	583	573	549	510	483	478	480	492	511	523	529	526	531	541	541	533	0	8	43	594	14	09	469	125
18				541	534	531	543	531	544	558	564	593	582	571	536	503	480	461	449	466	490	500	524	521	526	531	524	525	0	8	33	597	15	40	444	153
19				542	542	542	553	552	555	548	562	588	591	584	563	523	490	462	460	468	482	492	500	521	539	534	531	530	0	8	24	605	15	04	450	155
20				563	571	571	551	541	549	564	585	597	603	589	574	533	502	474	467	472	492	501	507	521	531	523	509	537	0	9	36	613	15	10	459	154
21				524	531	531	529	521	521	540	536	552	549	549	531	503	474	465	468	485	500	511	515	(521	521)	520	522	517	0	10	16	559	15	00	459	100
22				528	526	529	531	531	536	545	560	589	588	570	547	502	468	457	469	486	490	500	509	503	512	519	515	521	0	8	46	601	14	20	449	152
23				520	520	521	522	529	537	552	573	593	611	593	570	537	502	481	479	486	498	510	527	521	521	535	542	532	0	9	21	618	15	40	476	142
24				526	545	552	531	542	551	578	602	614	592	562	542	530	504	491	490	490	502	501	502	511	521	521	521	534	0	8	12	616	15	37	484	132
25				522	527	551	533	542	552	561	583	594	592	582	548	511	489	476	480	493	507	511	511	517	517	521	521	530	0	8	05	608	14	20	468	140
26				520	520	521	520	527	541	553	572	593	593	578	542	500	462	456	461	482	499	503	506	508	510	511	514	520	0	8	45	595	14	54	450	145
27				519	518	520	519	521	531	552	574	591	593	582	545	510	480	460	468	482	500	507	502	504	506	513	517	521	0	9	27	596	15	04	459	137
28				519	520	521	522	529	536	557	581	588	591	562	534	496	473	459	459	471	490	499	500	505	511	513	515	519	0	9	24	599	15	06	453	146
29				517	519	519	521	523	536	557	583	597	602	594	567	516	469	447	449	469	490	499	500	500	506	511	514	521	0	9	40	604	14	40	438	166
30				512	510	511	521	523	541	566	593	614	625	612	565	510	477	458	456	473	493	499	500	501	505	506	514	524	0	9	43	633	15	15	452	181
31				518	523	520	521	520	530	549	570	593	606	603	571	516	480	458	466	495	505	500	501	506	519	515	519	525	0	9	56	614	14	36	451	163
MEANS ALL DAYS				533	534	533	533	531	536	551	570	587	590	579	554	516	483	466	468	481	498	505	512	519	528	529	529	528								150
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 96

DECLINATION

NOVEMBER 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				525	520	521	520	516	518	537	572	575	591	587	556	514	475	453	458	484	503	505	518	519	518	517	519	522	0	9	31	597	14	24	451	146
2				520	523	525	526	518	522	542	578	613	617	587	555	516	493	475	482	494	511	515	513	512	515	516	518	529	0	8	22	624	14	32	473	151
3				520	518	519	519	525	532	554	575	576	571	549	522	492	466	461	470	484	500	519	515	514	514	515	520	519	0	8	15	586	14	04	457	129
4				526	522	524	526	534	541	556	573	575	583	571	540	512	483	468	473	490	506	517	526	532	528	529	546	528	0	9	32	587	14	21	464	123
5				535	532	528	527	531	540	556	576	588	586	564	537	505	483	475	484	495	508	512	506	(512)	514	515	516	526	0	9	10	596	14	43	473	123
6				518	518	515	516	523	533	556	580	577	576	566	545	505	476	469	471	484	498	505	505	508	512	515	516	520	0	8	50	583	14	50	465	118
7				515	515	516	522	525	528	547	566	580	582	578	556	528	499	480	479	486	496	502	502	504	509	515	517	523	0	9	26	587	15	16	477	110
8				523	527	519	524	529	546	565	572	585	595	569	535	493	466	454	460	461	484	518	515	505	520	524	546	522	0	9	12	602	14	24	443	159
9				545	539	541	546	541	546	575	587	606	594	571	543	500	469	450	454	473	474	475	484	556	557	591	563	532	1	20	50	645	17	10	443	202
10				565	565	546	547	535	506	541	558	559	570	547	544	525	502	485	486	497	509	524	525	541	547	546	535	534	1	8	10	607	4	29	474	133
11				533	534	525	524	515	493	499	526	563	575	557	545	508	482	468	457	462	481	505	(526)	537	580	583	595	524	1	21	54	645	15	02	443	202
12				627	588	552	535	535	549	563	588	607	603	582	567	527	487	473	474	493	514	507	506	513	520	536	535	541	1	0	30	678	14	14	469	209
13				523	513	515	515	518	535	546	567	588	595	586	569	536	504	483	484	488	509	525	526	514	519	526	533	530	0	8	59	597	16	07	480	117
14				527	520	503	505	524	536	556	578	606	607	591	559	515	481	463	456	471	503	519	525	544	539	535	537	529	0	9	09	609	15	31	455	154
15				536	519	530	530	524	537	550	577	597	607	586	556	515	484	464	463	476	484	499	506	514	532	532	529	527	0	9	03	614	14	47	456	158
16				519	518	511	516	525	540	561	577	608	607	577	537	490	451	433	443	463	493	522	523	516	526	525	535	522	0	8	55	615	14	26	429	186
17				536	525	519	523	524	537	565	587	605	607	594	556	519	481	454	453	465	491	506	515	513	514	515	532	526	0	8	49	611	15	02	446	165
18				527	525	524	524	525	536	556	586	603	599	584	546	516	491	469	464	478	490	502	(504	508)	514	515	543	526	0	8	43	608	15	39	461	147
19				534	533	532	533	539	558	575	594	590	582	548	517	486	462	453	452	465	484	518	506	515	520	514	515	522	1	7	38	607	15	03	444	163
20				537	536	527	537	541	548	567	587	594	588	558	525	494	481	473	479	491	505	519	536	512	515	515	515	528	0	8	48	598	14	50	469	129
21				516	517	515	518	525	531	559	582	609	626	598	546	495	468	462	469	494	506	514	513	516	525	530	527	527	0	9	35	632	14	29	456	176
22				525	540	541	540	547	561	586	611	623	619	595	556	505	482	463	462	473	486	503	509	510	524	531	533	534	0	8	15	625	14	55	459	166
23				527	540	536	535	538	546	568	598	614	604	567	526	493	467	447	448	473	485	494	496	503	510	516	525	523	0	9	08	623	14	45	443	180
24				523	516	514	514	524	537	557	568	570	567	557	525	495	476	464	469	485	494	505	504	505	509	513	520	517	0	7	33	577	14	34	463	114
25				520	523	525	519	544	557	557	567	588	585	579	560	526	502	492	486	497	510	524	514	508	513	515	517	530	1	8	56	609	15	25	479	130
26				521	515	514	510	511	523	544	565	576	558	551	534	515	498	488	490	494	506	512	514	515	521	515	514	521	0	8	41	579	14	45	486	93
27				513	514	512	508	515	536	567	597	608	602	578	537	510	485	473	481	496	505	505	505	505	509	513	514	524	0	8	49	611	14	18	472	139
28				516	516	510	522	526	542	577	602	602	598	567	525	485	465	462	467	485	502	516	515	516	526	528	526	525	0	8	03	609	13	59	456	153
29				521	516	516	516	523	537	573	610	630	627	596	555	485	457	448	461	486	508	520	511	513	517	524	531	528	0	9	08	652	14	08	443	209
30				526	514	508	516	521	536	552	575	578	561	542	514	480	461	454	463	482	500	515	507	512	515	514	514	515	0	7	35	583	14	13	453	130
31																																				
MEANS ALL DAYS				530	527	523	524	527	536	556	579	593	593	573	543	506	479	465	468	482	498	511	512	516	523	526	529	526								150
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 97

DECLINATION

DECEMBER 1947

2° WEST PLUS TABULAR QUANTITIES, EXPRESSED IN TENTHS OF MINUTES

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 1 2 0TH MERIDIAN MEAN TIME)

DECEMBER 1947

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				517	516	495	505	525	533	562	578	594	557	528	495	465	446	451	466	485	494	508	498	499	502	512	514	510	1	8	35	600	13	56	443	157
2				515	517	515	524	525	538	560	588	609	617	597	557	525	494	473	470	485	503	516	525	525	526	532	548	533	0	9	25	618	15	06	464	154
3				526	531	525	524	525	528	548	567	571	573	557	530	501	485	482	485	487	502	507	507	507	514	516	523	522	0	9	20	577	13	36	475	102
4				522	518	516	515	525	533	549	567	578	579	570	539	507	488	461	449	454	471	491	496	509	516	515	518	516	0	10	05	584	15	06	443	141
5				543	532	526	526	528	535	555	584	598	579	570	526	487	464	444	452	465	482	487	492	499	514	527	525	518	0	8	40	608	14	30	440	168
6				518	524	505	526	536	553	570	579	602	561	546	512	489	474	464	465	474	486	507	514	539	527	527	545	523	1	8	36	628	14	55	460	168
7				547	555	587	549	545	543	554	588	591	576	(539)	515	497	480	468	465	477	489	496	497	507	520	525	526	526	0	2	35	608	15	21	458	150
8				520	545	526	514	524	536	552	571	578	574	549	531	509	485	475	486	494	496	505	514	513	524	520	524	524	0	9	02	587	14	24	465	122
9				525	526	526	525	526	536	557	570	588	577	557	515	491	463	446	455	471	485	498	524	515	557	547	529	521	1	8	39	594	14	34	440	154
10				530	540	557	544	515	546	567	595	588	578	554	517	495	475	479	485	490	505	519	508	511	518	520	525	528	0	7	46	609	14	55	473	136
11				527	522	524	521	524	528	546	572	588	598	575	546	506	469	458	459	471	487	502	510	514	526	535	536	523	0	9	13	605	14	01	449	156
12				526	536	554	536	511	545	567	567	△																	0							
13											△	595	586	550	514	491	473	459	464	475	495	520	518	531	524	526	527		0	8	08	615	15	04	449	166
14				545	534	527	525	524	525	547	569	579	576	569	548	525	495	475	475	491	503	512	520	516	528	525	528	528	0	9	01	598	15	10	471	127
15				536	542	526	526	524	533	550	584	577	577	555	524	479	451	434	443	473	491	505	511	512	525	536	544	519	0	7	51	597	14	25	432	165
16				535	526	517	526	524	532	566	592	611	608	576	527	484	457	439	442	464	484	506	512	506	513	512	516	520	0	8	24	624	15	00	433	191
17				518	518	519	523	524	535	550	577	602	608	591	554	512	493	474	469	479	495	506	512	513	514	515	516	526	0	9	13	611	15	26	464	147
18				527	529	526	527	530	538	556	576	582	578	555	524	489	464	444	444	466	481	494	(500	496)	505	512	514	515	0	8	40	588	15	14	435	153
19				525	524	524	515	528	536	546	566	578	594	585	557	529	501	484	477	482	494	515	514	508	511	515	525	526	0	8	59	597	15	30	474	123
20				526	526	529	534	536	537	556	579	590	604	585	546	495	463	442	444	462	478	495	502	505	515	516	527	520	0	9	34	608	14	56	435	173
21				533	535	534	527	533	537	556	576	589	597	584	565	533	494	465	464	475	485	497	505	508	514	515	517	527	0	9	20	599	15	20	456	143
22				516	516	517	522	525	532	548	576	587	567	536	502	463	440	434	444	465	484	497	504	504	504	514	527	509	0	8	14	588	14	25	433	155
23				533	534	537	552	542	552	578	598	639	619	584	545	507	478	464	464	475	485	494	500	514	531	544	537	534	0	8	46	646	15	04	460	186
24				536	516	520	527	525	537	549	567	579	576	557	516	485	474	473	481	491	504	512	508	515	513	515	515	520	0	8	47	583	14	16	470	113
25				514	515	518	525	535	541	560	579	583	564	535	503	474	461	464	475	494	507	507	508	506	508	511	510	517	0	8	09	589	13	45	457	132
26				507	515	510	514	519	536	579	614	632	619	576	539	510	483	467	469	473	488	505	504	503	509	527	535	526	1	8	57	645	14	13	464	181
27				520	517	513	514	533	547	573	598	618	612	568	525	500	464	451	463	485	500	526	506	506	508	512	527	524	0	8	50	632	14	23	446	186
28				519	516	528	529	537	545	547	579	601	598	566	515	482	456	450	461	486	503	508	515	527	519	514	515	522	0	8	29	609	14	20	443	166
29				515	516	515	521	532	536	547	587	629	637	598	542	500	486	474	485	494	504	515	527	536	546	557	544	535	0	9	22	641	14	35	473	168
30				525	522	518	517	516	518	550	588	630	648	622	567	503	453	431	433	457	474	494	505	510	515	508	518	522	0	9	13	651	15	00	424	227
31				518	518	515	514	526	535	547	569	595	608	577	525	485	458	443	446	464	479	491	498	501	503	507	509	514	0	9	34	613	14	59	442	171
MEANS 1) ALL DAYS				525	526	524	525	528	537	556	580	596	592	568	531	497	472	459	463	477	491	504	508	511	518	522	525	522								156
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

1) Twenty-nine days only, omitting incomplete days December 12 and 13.

TABLE 98

HORIZONTAL INTENSITY

JANUARY 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				804	807	808	812	811	815	817	814	814	822	835	847	847	841	833	828	823	825	813	802	811	814	807	811	819	0	12	24	849	19	36	799	50
2				809	810	812	811	811	811	812	813	821	840	850	850	847	840	830	821	819	817	817	821	820	827	815	812	822	0	11	06	852	22	58	804	48
3				800	808	805	808	808	814	818	822	829	835	834	826	821	815	805	806	809	815	811	814	805	797	794	799	812	1	10	12	837	0	43	789	48
4				814	808	800	801	801	799	819	818	823	817	801	796	803	791	793	791	792	791	791	810	772	765	790	784	800	1	19	18	836	23	57	758	78
5				767	780	788	780	783	792	797	799	799	798	794	794	800	779	779	782	805	796	800	800	814	817	803	812	794	1	23	58	843	0	03	758	85
6				827	810	798	810	801	798	799	796	792	789	788	794	782	787	785	778	785	782	782	780	813	787	791	789	793	1	0	01	843	15	24	773	70
7				788	792	789	790	795	795	798	794	798	798	782	775	770	777	777	787	786	790	794	807	798	793	793	801	790	0	19	21	811	12	31	768	43
8				800	794	795	795	795	795	796	798	797	796	781	777	784	787	800	804	801	797	795	797	800	800	800	801	795	0	0	01	808	11	23	773	35
9				801	801	799	801	802	790	812	815	812	801	788	783	778	777	783	792	800	805	809	812	810	808	806	806	800	0	7	34	817	12	46	775	42
10				803	803	802	805	805	809	814	816	812	801	785	785	790	793	802	809	812	811	812	813	814	815	813	813	806	0	7	06	817	11	00	782	35
11				814	814	814	816	818	823	829	827	811	788	781	794	811	821	837	845	840	832	824	824	823	823	822	821	819	0	15	28	847	10	21	779	68
12				820	820	819	820	821	824	827	824	811	793	785	792	802	808	815	824	824	817	816	817	821	822	822	822	815	0	6	49	828	10	28	784	44
13				821	821	821	821	825	827	830	828	813	801	786	783	784	795	811	828	830	826	824	(824	824)	824	822	821	816	0	6	27	832	12	00	781	51
14				820	820	819	819	818	819	827	826	817	811	797	788	792	799	795	813	829	828	821	820	821	818	816	813	814	0	6	41	830	11	44	787	43
15				813	816	817	816	818	821	826	831	826	822	820	816	816	825	827	832	825	816	811	814	818	819	818	819	820	0	15	07	837	16	50	809	28
16				823	823	825	821	818	813	813	814	813	807	796	764	790	855	857	840	837	811	801	805	801	799	801	785	813	1	14	24	881	11	53	717	164
17				804	801	786	799	791	773	770	773	759	757	755	747	750	755	741	765	783	779	770	776	765	777	776	778	771	1	0	15	815	14	04	725	90
18				780	784	788	784	786	790	802	802	795	792	790	791	795	791	786	795	798	795	796	791	791	789	794	799	792	0	6	53	804	0	10	778	26
19				792	798	799	794	787	788	788	787	785	777	775	781	780	787	782	790	800	800	790	791	795	799	800	798	790	0	1	56	809	10	23	773	36
20				800	801	802	800	796	802	802	807	816	808	813	818	817	818	813	805	805	799	800	802	803	802	800	801	806	0	13	40	821	4	58	796	25
21				806	808	807	810	805	807	811	804	788	770	757	764	786	799	813	820	825	816	812	812	811	810	813	812	803	0	16	16	852	10	40	752	80
22				814	814	815	816	818	821	826	818	801	778	771	770	782	804	831	834	830	820	818	815	816	816	812	807	810	0	15	05	842	11	20	766	76
23				805	812	801	796	802	804	814	814	808	792	774	770	771	784	799	806	812	815	(812	813)	814	818	817	822	803	0	1	48	826	12	13	768	58
24				815	815	813	814	808	808	814	810	799	786	785	799	818	831	855	835	793	796	781	788	787	786	787	790	805	1	14	33	877	16	33	774	103
25				797	801	804	800	799	798	794	779	763	776	755	751	757	749	749	722	725	728	723	698	752	758	725	725	760	1	4	13	808	23	08	693	115
26				713	720	720	739	731	745	758	765	749	733	720	694	685	702	730	725	741	733	737	744	742	746	745	760	732	1	23	59	788	12	19	683	105
27				768	758	765	779	771	768	774	766	753	743	727	707	722	748	766	772	765	768	785	787	797	803	819	801	769	1	22	31	828	11	44	705	123
28				803	813	808	809	801	803	812	808	801	785	765	760	760	762	763	760	781	789	787	789	790	789	788	789	788	0	1	13	825	15	30	754	71
29				790	790	791	791	793	798	799	808	806	791	776	762	756	764	783	780	793	798	790	776	771	779	781	784	785	0	7	44	813	12	04	753	60
30				791	797	801	802	804	805	808	807	798	786	781	780	779	786	782	782	791	798	800	793	778	783	794	798	793	0	6	31	810	20	45	773	37
31				802	800	800	800	803	807	811	816	817	817	803	783	773	772	771	778	787	795	797	796	796	797	798	798	797	0	9	20	820	14	19	769	51
MEANS ALL DAYS				800	801	800	802	801	802	807	806	801	794	785	782	785	791	796	798	802	800	797	798	799	800	799	799	798								64
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 99

HORIZONTAL INTENSITY

FEBRUARY 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1947

DAY	✱	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM		MINIMUM		RANGE
																														H M		H M		
1				801	803	803	801	803	804	808	806	806	809	797	791	777	773	776	783	781	786	783	798	796	798	799	803	795	0	9 38	810	13 20	770	40
2				802	801	802	799	805	801	803	800	798	797	797	793	794	797	801	801	804	806	807	806	807	806	807	806	802	0	20 31	809	12 38	792	17
3				807	809	804	804	806	806	804	806	804	806	816	822	824	823	823	813	810	796	793	789	796	801	801	805	807	0	14 26	827	19 26	788	39
4				816	816	820	818	818	818	823	827	815	808	809	819	824	807	806	805	796	786	784	780	797	794	793	795	807	0	8 00	833	19 52	774	59
5				796	795	795	798	798	799	800	795	789	785	785	785	785	788	793	797	796	796	802	800	811	816	812	814	797	0	21 31	820	12 30	782	38
6				811	812	812	811	809	811	814	813	814	814	810	804	801	802	822	816	802	807	807	806	804	801	803	800	809	0	14 25	831	16 41	797	34
7				801	808	812	806	801	808	811	804	791	784	776	773	780	789	796	801	821	825	829	817	814	809	809	809	803	1	16 17	839	11 44	770	69
8				811	807	793	796	796	802	804	805	801	799	799	800	805	804	804	792	788	776	781	776	769	764	792	765	793	1	22 22	815	23 53	748	67
9				766	776	784	799	794	785	792	794	769	756	743	758	743	751	758	779	791	785	775	775	790	789	790	791	776	1	3 37	809	11 45	736	73
10				789	792	791	795	796	803	805	807	796	784	763	754	749	751	769	780	780	806	796	792	794	797	794	778	786	0	17 29	822	12 39	746	76
11				786	790	788	790	790	790	792	785	775	769	772	774	776	769	777	789	802	808	800	809	807	807	812	814	790	0	22 20	814	13 18	765	49
12				813	810	809	808	813	809	816	820	818	811	802	791	789	789	789	795	804	814	820	818	817	812	811	808	808	0	7 31	822	13 47	784	38
13				805	807	808	809	810	812	812	817	816	815	811	803	800	811	817	811	804	813	814	817	814	809	807	808	810	0	14 51	820	12 36	798	22
14				814	813	810	809	812	813	818	819	811	808	810	812	815	813	806	807	812	815	816	818	(817	821)	821	819	814	0	22 00	823	14 37	805	18
15				816	815	814	815	814	814	817	816	811	807	809	810	811	810	816	820	821	823	821	818	820	818	820	817	816	0	17 40	825	10 16	806	19
16				815	813	813	811	812	812	814	816	810	803	803	831	830	835	839	843	847	805	768	713	673	667	679	674	789	1	16 12	867	20 51	656	211
17				673	721	727	732	742	745	739	728	718	719	718	719	722	724	702	714	720	718	726	743	746	733	729	738	725	1	19 55	757	0 19	653	104
18				746	753	754	756	761	768	770	771	758	747	746	759	767	777	774	764	759	753	759	764	770	771	773	773	762	0	13 32	787	0 31	735	52
19				769	772	772	770	770	770	772	774	772	776	777	770	761	753	755	758	767	780	777	771	759	761	755	755	767	1	17 40	782	23 46	742	40
20				761	778	786	769	771	777	779	778	777	777	754	750	763	773	779	780	784	789	769	787	788	783	784	786	777	1	2 06	798	11 11	745	53
21				787	787	788	789	792	791	794	794	791	792	795	797	796	797	800	802	801	802	803	801	801	799	800	800	796	0	18 45	805	1 10	786	19
22				799	800	799	800	802	802	801	797	794	796	801	808	810	813	818	817	817	815	813	812	813	812	813	813	807	0	16 10	820	8 55	793	27
23				814	813	812	814	814	814	814	807	797	792	803	809	807	805	804	809	813	813	814	813	815	814	814	812	810	0	5 50	817	9 17	790	27
24				812	810	811	810	810	810	809	803	792	791	808	814	819	819	816	815	821	823	822	820	811	810	812	814	812	0	17 49	825	9 27	785	40
25				813	810	802	805	805	807	810	806	798	791	800	811	815	812	809	809	806	803	789	784	769	777	791	799	801	0	12 52	817	20 32	765	52
26				800	801	800	801	805	803	806	795	781	770	766	776	797	800	791	786	780	790	794	795	797	799	795	793	793	0	4 56	808	10 34	764	44
27				795	795	795	797	800	801	806	807	800	783	765	757	762	779	786	787	789	795	801	804	803	802	800	800	792	0	7 30	808	12 00	755	53
28				803	806	803	804	805	805	806	804	804	802	794	781	770	770	773	787	801	805	807	805	806	805	806	804	798	0	18 20	809	14 20	767	42
29																																		
30																																		
31																																		
MEANS ALL DAYS				794	797	797	797	798	799	801	800	793	789	787	788	789	790	793	795	797	798	796	794	793	792	794	793	794						51
MEANS TEN DAYS ✱																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

✱ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⩞ = NO RECORD

TABLE 100

HORIZONTAL INTENSITY

MARCH 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1947

DAY	✱	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				809	815	811	812	811	809	806	809	807	806	808	809	805	799	794	794	795	794	796	796	804	801	801	804	804	0	1	00	820	15	31	790	30
2				805	805	806	810	812	812	816	811	804	791	789	794	810	811	810	798	659	666	760	771	750	679	744	772	795	2	16	39	908	21	38	658	250
3				753	779	759	719	752	760	745	739	695	684	674	685	686	680	683	683	700	701	701	660	627	690	701	674	705	2	1	16	790	20	35	603	187
4				710	688	744	752	724	701	674	656	651	630	651	642	655	621	658	660	606	658	677	682	722	727	725	732	681	1	2	44	777	13	14	601	176
5				752	731	755	742	755	731	725	723	721	716	741	761	766	759	746	751	756	761	761	764	765	765	766	766	747	0	23	05	769	9	15	713	56
6				766	766	768	770	772	773	774	766	752	738	744	757	767	765	770	776	774	775	776	782	781	778	778	776	768	0	19	14	783	9	47	734	49
7				777	779	780	781	781	782	783	779	764	755	753	762	779	795	800	793	780	774	769	785	767	761	780	778	777	1	13	41	807	20	58	747	60
8				785	790	793	791	796	794	791	790	793	792	790	784	788	804	801	789	790	759	726	705	668	649	694	691	755	2	13	54	818	21	33	627	191
9				662	673	676	663	705	696	688	672	658	642	642	646	659	665	677	672	690	722	715	711	709	719	757	752	685	1	22	40	747	11	19	637	110
10				757	744	747	752	755	756	756	754	746	740	739	739	741	747	745	746	755	765	774	774	771	759	759	767	753	0	19	00	777	0	07	753	44
11				770	770	774	776	777	777	777	775	769	769	771	772	770	773	776	779	778	781	785	785	785	786	784	784	777	0	21	50	788	12	43	768	20
12				782	782	783	765	787	787	786	783	776	771	769	762	760	785	787	794	792	797	803	794	777	790	801	785	784	1	19	12	812	12	13	752	60
13				785	790	792	797	796	798	798	801	800	799	803	800	802	795	795	782	795	804	812	819	806	803	803	802	799	1	19	26	832	15	47	775	57
14				801	803	806	817	809	(812	817	819)	815	809	810	802	798	798	804	814	793	783	795	790	777	762	771	763	799	1	15	15	825	21	30	751	74
15				761	767	774	777	783	779	774	764	761	762	760	759	746	740	742	745	751	740	706	713	725	702	681	680	746	1	4	30	786	22	46	646	140
16				676	695	705	711	715	715	721	726	725	729	734	733	736	737	736	739	744	746	746	748	748	750	750	741	729	0	22	31	751	0	21	668	83
17				731	751	745	748	752	749	750	740	721	730	732	727	715	719	727	734	746	747	744	747	(753	753)	755	755	740	0	4	50	764	8	42	709	55
18				764	768	768	769	771	774	770	769	767	769	768	761	759	765	769	771	775	776	767	759	767	772	769	776	768	0	23	59	794	19	32	755	39
19				790	780	782	787	797	782	784	790	783	783	789	787	786	782	782	769	773	784	786	787	786	784	785	786	784	0	4	38	807	16	05	762	45
20				796	791	790	789	799	797	789	784	774	767	762	764	765	774	782	771	766	778	783	782	780	783	781	781	780	0	0	34	803	12	58	761	42
21				783	784	788	806	797	791	791	787	780	777	787	788	787	780	775	775	779	782	789	791	793	798	796	792	787	0	3	27	815	14	57	772	43
22				803	793	797	797	797	796	799	796	789	785	776	763	753	768	778	788	775	746	745	758	764	765	772	774	778	0	0	29	812	17	35	738	74
23				787	788	800	800	791	793	792	786	782	780	791	806	815	795	804	798	791	777	784	766	776	776	788	810	792	1	12	50	824	17	50	758	66
24				762	748	763	759	755	761	767	775	777	776	767	769	766	765	757	762	764	760	767	772	775	777	777	774	766	0	0	03	794	14	35	752	42
25				775	775	778	778	779	778	776	774	780	790	793	791	780	777	773	768	774	772	778	782	786	789	787	787	780	0	11	05	795	15	12	762	33
26				789	799	791	787	791	791	786	780	777	766	755	748	745	739	768	745	740	751	749	735	742	756	745	748	763	1	1	15	804	19	38	731	73
27				757	774	766	770	773	773	778	775	768	760	758	756	764	754	756	745	769	755	745	768	774	778	779	776	765	1	1	48	790	11	54	727	63
28				772	779	776	779	779	769	769	768	758	738	722	725	738	738	727	712	707	686	710	702	690	728	707	708	737	1	1	57	797	17	08	664	133
29				740	729	730	731	746	739	741	739	739	742	738	740	741	745	756	755	755	758	764	764	759	754	748	751	746	1	0	47	768	0	11	704	64
30				752	767	774	766	773	770	776	773	760	770	757	740	738	751	762	745	749	754	739	727	728	732	725	766	754	1	2	01	787	19	46	717	70
31				792	793	778	773	763	762	765	764	756	748	745	756	766	763	769	761	759	740	758	751	747	753	753	757	761	1	0	41	801	17	19	734	67
MEANS ALL DAYS				765	768	770	770	773	771	770	767	760	755	755	755	757	758	761	759	763	760	759	758	755	755	759	761	762								80
MEANS TEN DAYS ✱																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✱ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
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[ ] = APPROXIMATE, MAGNETIC STORM
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⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

APRIL 1947

APRIL 1947

TABLE 101

HORIZONTAL INTENSITY

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DAY	✱	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHAR-ACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				771	766	768	771	773	773	773	773	769	766	763	758	755	761	760	769	766	771	780	787	787	787	784	785	772	0	21	24	791	12	44	753	38
2				787	787	787	788	788	791	794	793	787	779	767	763	759	762	762	769	783	789	797	798	798	784	780	785	782	0	18	17	803	12	53	755	48
3				787	792	790	791	796	798	799	799	794	784	772	760	759	766	773	777	788	797	797	799	799	799	799	807	788	0	23	03	815	12	08	756	59
4				806	803	806	806	811	812	802	796	803	796	798	796	785	777	781	776	777	765	740	740	753	764	769	778	785	1	3	56	822	18	35	769	53
5				781	765	763	779	779	788	786	779	776	770	765	772	771	776	777	777	778	781	784	783	782	782	784	786	778	0	0	01	794	2	09	759	35
6				787	789	784	792	792	792	790	786	782	772	752	748	782	763	768	760	768	762	772	785	787	786	786	783	778	0	5	09	793	11	23	741	52
7				786	787	788	796	795	791	795	798	801	800	794	784	786	786	788	789	794	798	801	802	794	789	785	791	792	0	19	29	805	12	11	781	24
8				791	786	788	791	793	796	795	798	798	791	786	786	785	783	793	790	792	793	786	794	787	789	791	796	791	0	7	44	800	11	44	783	17
9				797	797	797	799	802	805	823	797	799	809	809	808	797	779	765	759	749	728	717	720	747	753	751	759	778	1	5	49	832	18	00	711	121
10				750	755	757	757	757	760	760	761	766	768	766	765	763	754	750	770	767	782	784	784	787	785	788	789	768	0	22	44	792	0	03	745	47
11				785	786	786	787	789	790	795	795	793	794	788	777	751	756	755	763	773	780	787	786	789	790	785	779	782	0	9	16	799	12	43	746	53
12				772	772	774	779	783	785	787	790	791	(790)	781	771	771	755	749	752	761	767	775	773	778	780	777	776	775	0	9	35	792	14	35	746	46
13				783	783	788	790	792	802	811	803	799	781	761	764	755	753	750	756	771	776	774	770	768	763	782	781	778	0	6	17	818	14	39	747	71
14				784	786	789	791	795	796	794	799	804	804	800	790	773	768	760	761	774	786	782	782	794	790	792	792	787	0	9	14	805	14	18	757	48
15				792	794	797	805	809	808	802	800	794	790	787	785	782	777	772	771	775	764	759	(773	770	770)	793	786	786	0	4	01	818	18	28	754	64
16				786	792	797	795	799	800	796	803	809	801	794	800	790	783	770	765	772	781	784	785	781	778	776	778	788	0	8	10	811	15	04	758	53
17				780	793	806	797	797	791	789	784	793	800	789	782	769	762	766	769	773	781	787	792	818	774	769	765	784	2	20	25	857	23	59	741	116
18				759	753	751	749	(742	650	679	682)	661	664	672	678	689	700	714	727	737	741	753	714	671	687	692	722	708	2	4	24	794	5	39	571	223
19				697	713	731	734	738	757	745	741	736	732	719	729	735	738	734	727	748	753	750	745	755	750	749	765	738	1	23	04	778	0	09	692	86
20				770	771	770	770	771	775	781	785	780	779	774	767	761	733	732	752	775	769	767	779	773	775	777	778	769	1	19	49	788	14	47	714	74
21				777	781	800	793	784	781	784	784	782	777	769	762	753	754	753	753	772	779	785	788	790	790	791	791	778	0	3	04	810	12	51	749	61
22				790	791	792	794	795	795	793	793	793	792	790	785	780	776	779	783	790	796	798	800	800	798	799	799	792	0	19	45	801	13	07	774	27
23				798	799	800	801	803	803	803	803	803	802	789	780	777	781	784	789	799	803	805	807	810	808	808	810	799	0	23	59	816	12	24	775	41
24				809	810	812	814	815	815	816	816	812	803	796	789	786	785	785	791	804	810	809	810	811	811	810	809	805	0	6	13	816	14	24	783	33
25				808	808	810	827	813	815	815	814	810	803	794	785	787	795	798	802	805	810	806	803	809	809	810	813	806	0	6	34	816	11	59	782	34
26				806	804	809	806	811	814	819	824	827	825	820	815	811	802	800	800	806	810	814	814	816	810	810	810	812	0	8	24	829	15	14	795	34
27				804	801	804	796	799	802	806	815	820	814	801	793	797	791	787	790	795	792	794	800	804	806	802	809	801	0	8	49	822	14	32	784	38
28				803	803	806	811	802	800	803	808	804	795	788	779	764	756	764	766	776	787	794	798	800	794	796	799	792	0	2	56	814	13	13	751	63
29				797	795	797	797	805	802	800	805	801	793	787	775	771	773	773	787	800	798	789	795	790	793	790	795	792	0	16	39	807	14	35	766	41
30				796	796	794	797	801	802	805	806	801	803	800	789	778	779	776	778	786	787	786	797	798	799	799	803	794	0	23	01	808	14	55	769	39
31																																				
MEANS ALL DAYS				785	785	788	790	791	790	791	791	790	786	779	774	771	767	767	771	778	781	782	783	785	784	784	787	783								58
MEANS TEN DAYS ✱																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✱ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 102

HORIZONTAL INTENSITY

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	M		MINIMUM H	M		RANGE
1				801	802	802	807	807	806	808	811	814	803	797	780	780	757	769	754	776	784	792	799	805	796	794	795	794	1	8	08	816	13	25	750	66
2				799	794	790	792	792	793	799	807	807	802	795	784	783	780	774	775	782	791	796	800	800	801	802	803	793	0	8	17	809	14	50	772	37
3				803	803	803	804	804	804	805	808	807	804	796	788	789	787	778	777	786	793	801	804	803	806	807	806	799	0	7	56	808	15	17	775	33
4				808	807	809	811	810	809	811	815	816	812	805	792	779	770	769	778	791	796	804	810	809	810	811	812	802	0	7	51	817	15	59	767	50
5				812	813	813	813	815	815	817	816	818	814	802	789	785	785	776	777	789	798	797	802	804	803	804	805	803	0	9	01	819	14	50	772	47
6				802	808	805	803	804	804	805	809	810	804	795	793	791	785	783	792	801	808	809	812	813	809	805	795	802	0	20	49	814	14	17	781	33
7				793	795	796	797	801	803	803	800	800	804	800	791	786	780	781	788	798	803	807	807	807	808	809	809	799	0	23	51	810	13	52	778	32
8				807	808	809	810	809	811	814	819	817	811	802	796	792	785	784	787	796	804	810	808	809	811	811	811	805	0	7	40	820	14	02	783	37
9				811	811	812	813	813	813	814	815	811	801	791	794	805	807	803	797	801	807	812	813	812	811	813	812	808	0	22	27	816	10	59	790	26
10				812	812	814	814	814	816	819	822	820	813	807	802	805	806	804	798	797	800	797	797	797	797	796	796	807	0	7	33	823	23	00	794	29
11				796	799	801	803	806	809	814	820	827	827	817	805	801	798	790	787	793	795	796	796	796	796	795	795	803	0	9	11	830	15	03	786	44
12				794	796	795	798	797	797	801	808	816	811	799	805	802	789	773	771	781	792	795	783	776	780	785	787	793	0	9	59	818	14	51	769	49
13				790	797	797	796	798	802	805	808	809	816	812	801	793	784	767	769	778	788	792	793	789	793	799	803	795	0	9	30	817	15	25	763	54
14				799	801	808	797	814	812	799	784	785	772	764	755	751	753	750	751	753	764	742	746	756	767	770	777	774	1	4	51	828	18	26	734	94
15				777	787	784	783	784	784	766	794	807	808	786	759	760	776	767	774	781	766	782	786	788	791	773	778	782	1	10	18	813	11	51	743	70
16				782	787	788	790	815	809	799	798	798	772	749	741	744	738	727	733	754	763	741	751	762	758	765	774	768	1	4	33	826	15	23	722	104
17				776	781	788	800	792	794	796	806	803	793	787	781	777	770	760	772	785	784	785	785	778	780	790	790	786	0	6	56	817	14	24	755	62
18				790	788	791	791	791	792	799	806	803	791	785	779	773	772	760	763	762	774	788	797	799	796	790	783	786	0	8	00	807	14	25	757	50
19				782	782	786	793	787	790	796	800	805	802	787	768	763	759	749	752	761	769	770	779	783	786	783	784	780	0	8	38	807	14	48	746	61
20				787	789	791	793	794	797	801	809	814	812	804	791	782	774	768	768	773	785	788	783	789	792	793	794	790	0	8	50	816	15	18	766	50
21				795	797	800	803	807	811	815	823	830	833	825	812	799	788	777	782	798	804	806	(803	793)	794	801	804	804	0	9	18	836	14	46	766	70
22				808	809	811	814	815	814	817	821	823	817	803	784	776	774	781	793	804	810	811	809	807	804	805	805	805	0	8	31	825	13	14	773	52
23				805	807	810	810	813	816	822	838	838	834	814	773	764	766	760	780	790	806	806	810	811	809	806	807	804	1	8	00	841	14	14	742	99
24				806	803	803	802	806	808	811	817	828	822	817	802	798	778	775	780	743	693	729	733	726	734	730	733	778	1	9	03	836	17	08	659	177
25				736	738	741	743	744	749	758	762	760	762	757	748	738	733	728	735	746	756	764	769	766	768	773	776	752	0	23	56	779	14	31	725	54
26				777	774	774	771	772	770	775	784	793	795	793	789	777	764	758	763	774	778	775	777	781	783	783	763	778	0	9	38	796	15	01	751	45
27				792	793	792	791	791	792	794	803	810	805	799	789	773	776	763	771	775	784	784	786	786	788	786	790	788	0	8	21	813	14	15	759	54
28				792	794	798	797	797	799	800	805	810	812	809	797	791	780	778	783	795	803	802	803	805	800	776	779	796	0	9	18	814	22	31	768	46
29				784	787	792	792	797	804	805	809	817	814	805	796	791	789	792	791	796	801	790	789	798	798	797	788	797	0	8	46	819	23	50	784	35
30				778	774	771	773	789	787	790	801	813	814	810	798	794	791	788	788	791	794	797	797	799	800	800	801	793	0	8	20	815	2	58	769	46
31				800	802	803	804	805	805	806	812	820	822	818	810	801	790	786	791	802	814	816	816	817	816	817	816	808	0	9	25	822	14	32	785	37
MEANS ALL DAYS				793	795	796	797	799	800	803	807	811	807	798	787	782	777	772	775	782	787	790	792	792	793	793	793	793								56
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 103

HORIZONTAL INTENSITY

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DAY	✻	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				804	808	808	808	807	816	801	808	814	822	809	782	756	744	734	732	726	729	743	754	752	757	746	760	776	0	5	03	832	16	32	720	112
2				762	765	769	774	775	779	781	789	796	800	801	791	783	775	774	778	786	793	790	790	790	791	791	791	784	0	10	26	805	0	04	761	44
3				791	793	794	796	796	795	794	796	796	791	781	766	759	765	770	779	787	794	798	802	803	804	803	802	790	0	21	09	807	12	33	754	53
4				799	791	800	802	802	803	803	806	806	806	800	794	782	767	764	775	794	805	809	809	810	812	812	811	798	0	22	49	815	14	15	763	52
5				808	809	803	806	809	811	814	820	828	828	828	820	808	790	787	803	767	792	802	809	807	808	805	806	807	1	15	28	851	16	34	752	99
6				808	805	804	805	810	814	791	763	801	801	790	775	765	757	755	764	772	776	779	780	779	781	784	784	786	0	5	39	818	14	31	754	64
7				786	786	788	787	789	795	796	801	804	804	795	776	776	773	773	770	771	773	776	773	772	767	772	783	783	0	9	39	807	21	40	764	43
8				778	777	781	784	792	802	815	814	809	796	782	770	764	765	749	746	750	764	770	772	777	772	764	766	777	0	6	09	819	15	49	742	77
9				767	769	776	792	784	785	786	792	800	806	797	776	772	763	759	759	774	778	777	779	771	772	775	780	779	0	10	38	808	14	42	750	58
10				784	802	793	792	793	794	799	801	803	802	794	792	792	784	785	774	785	785	781	782	782	781	781	776	789	0	1	38	811	15	12	771	40
11				788	790	792	800	804	800	800	807	809	807	806	803	795	779	780	780	780	791	790	788	791	796	796	797	795	0	7	55	811	16	06	771	40
12				799	800	799	799	800	803	804	812	817	820	(813)	802	805	797	784	789	794	795	797	798	796	795	798	797	801	0	9	26	822	14	37	780	42
13				799	802	799	800	800	801	806	812	816	824	818	812	813	796	787	780	779	791	791	789	793	795	795	800	800	0	9	58	826	16	18	775	51
14				795	801	825	819	816	819	814	799	779	784	769	734	730	728	719	727	717	703	724	737	742	754	756	754	764	1	2	30	830	11	49	687	143
15				756	768	770	777	784	786	789	796	792	798	791	777	769	765	762	763	772	771	769	763	775	773	783	783	776	1	4	45	805	14	59	756	49
16				781	784	787	788	792	795	799	801	805	803	795	792	789	783	780	788	798	805	808	805	799	803	804	805	795	0	18	46	810	14	31	777	33
17				807	807	810	812	811	820	813	821	825	824	818	809	786	774	772	764	745	747	758	756	769	771	771	758	790	1	8	02	830	16	49	736	94
18				766	769	781	796	789	791	791	799	803	801	799	797	783	769	765	768	774	776	780	776	785	784	785	786	784	0	11	11	809	19	23	760	49
19				786	789	791	792	798	795	792	799	806	802	792	780	769	767	769	775	783	793	799	801	800	811	794	790	791	0	8	38	808	12	52	760	48
20				788	794	800	797	796	799	801	802	805	800	796	795	789	781	779	780	781	789	793	796	801	804	803	804	795	0	8	21	807	14	32	777	30
21				799	799	802	804	810	813	814	815	819	820	818	816	814	803	794	794	801	807	808	807	810	808	805	805	808	0	9	32	821	14	52	791	30
22				806	804	806	809	808	808	809	814	819	830	830	823	822	806	801	806	808	809	808	814	809	810	805	808	811	0	9	56	833	14	45	795	38
23				813	808	803	805	815	815	811	824	819	821	825	(822)	816	803	797	795	796	799	803	805	805	806	803	795	808	0	10	30	(830)	23	41	789	41
24				800	803	803	803	803	800	803	809	817	821	819	819	816	809	792	784	783	795	798	803	804	803	803	800	804	0	11	24	823	16	28	779	44
25				799	799	797	795	796	803	809	805	811	817	808	796	793	775	758	752	748	750	751	761	776	771	777	778	784	0	9	21	821	18	50	743	78
26				781	781	784	783	785	791	792	799	805	805	796	790	782	784	760	760	768	770	775	766	778	775	773	772	781	0	8	36	807	14	28	756	51
27				772	780	781	786	790	793	797	800	803	808	808	805	798	784	782	785	799	808	808	806	808	808	805	803	797	0	10	09	811	0	01	762	49
28				799	799	802	802	804	808	809	810	815	820	808	810	807	803	799	801	802	802	810	810	810	813	814	813	807	0	9	44	822	15	59	797	25
29				812	812	809	809	812	817	815	816	816	816	813	805	793	784	781	794	806	815	814	814	815	815	816	815	809	0	5	29	819	14	09	777	42
30				815	815	817	817	816	814	812	812	809	810	809	801	789	783	768	763	779	786	796	801	797	804	803	802	801	0	2	39	818	15	09	758	60
31																																				
MEANS ALL DAYS				792	794	796	798	800	802	802	805	808	810	804	794	787	779	773	774	778	783	787	788	790	791	791	791	792								56
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧍ = NO RECORD

TABLE 104

HORIZONTAL INTENSITY

JULY 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1947

DAY	✲	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				801	796	799	803	802	804	803	805	815	825	825	821	800	786	790	797	808	815	814	813	808	802	803	804	806	0	9	44	828	13	06	782	46
2				809	807	807	806	813	810	808	812	820	825	816	810	795	789	793	788	792	805	805	801	798	799	803	806	805	0	9	17	827	15	54	784	43
3				796	800	808	805	806	806	809	817	823	824	817	808	803	798	785	779	786	795	800	804	807	806	805	807	804	0	9	16	827	15	20	777	50
4				803	805	803	803	804	809	809	814	822	823	820	814	813	806	798	797	798	804	805	808	808	808	810	811	808	0	9	04	826	16	06	797	29
5				811	811	813	814	815	817	819	826	833	831	822	816	806	803	805	805	809	816	819	819	817	817	817	818	816	0	9	08	835	13	14	802	33
6				816	816	817	820	820	820	824	830	829	821	816	815	810	811	809	806	800	804	813	815	811	807	804	808	814	0	7	49	855	16	21	798	37
7				809	809	810	814	816	819	823	824	832	839	832	821	813	810	805	802	808	813	814	812	811	813	809	810	815	0	9	14	841	15	42	801	40
8				816	817	817	815	815	817	820	825	830	832	832	826	811	803	(794	796)	802	809	813	813	810	804	805	802	814	0	10	24	836	15	15	792	44
9				805	809	818	817	817	816	818	824	829	833	832	826	819	805	804	802	805	809	813	813	813	814	813	813	815	0	9	21	835	13	43	799	36
10				814	814	814	813	824	820	821	823	819	815	807	795	793	793	791	785	788	801	802	803	805	808	808	806	807	0	4	40	831	16	08	785	46
11				806	799	805	805	805	810	816	817	815	816	817	813	798	791	780	785	797	804	804	802	804	806	805	801	804	0	10	15	822	14	15	777	45
12				804	808	807	809	810	806	804	812	821	819	814	792	787	799	801	798	796	796	784	784	793	798	804	805	802	0	9	00	823	18	48	779	44
13				805	804	809	804	807	808	811	814	810	801	797	790	786	784	785	796	800	803	797	793	798	797	792	792	800	0	7	32	815	12	59	780	35
14				791	805	803	805	806	807	808	813	816	810	806	794	786	787	790	795	803	810	810	810	(808	802)	809	810	804	0	8	24	818	12	41	785	33
15				811	812	806	809	808	808	811	814	811	806	801	792	781	766	780	789	801	807	805	808	809	809	809	808	803	0	7	37	815	13	22	762	53
16				809	807	810	811	813	815	818	821	823	817	812	805	794	792	793	796	804	811	813	811	810	810	812	815	809	0	8	16	824	13	31	790	34
17				816	817	817	820	821	823	825	830	840	837	830	820	816	815	805	808	814	820	826	831	829	826	821	819	822	0	8	45	842	14	59	802	40
18				814	824	832	808	745	745	715	716	757	778	779	780	778	777	772	769	774	766	755	735	747	754	714	716	765	2	1	54	911	23	10	700	211
19				718	742	761	746	757	746	751	753	764	751	747	740	744	744	724	742	744	750	752	767	764	759	774	775	750	1	23	24	778	0	19	708	70
20				777	775	779	776	776	777	780	788	795	791	788	777	776	778	756	740	759	776	758	740	745	750	759	761	770	1	8	25	797	19	12	735	62
21				755	761	771	774	774	774	774	781	787	789	792	792	792	784	774	779	775	780	787	788	783	789	792	792	781	0	12	44	795	0	18	752	43
22				792	793	795	793	794	798	801	809	813	813	811	801	790	787	792	790	787	786	798	801	(801	791)	789	796	797	0	9	14	815	17	15	779	36
23				799	793	795	792	805	802	801	802	804	802	797	790	778	778	772	770	765	767	773	776	790	769	787	790	788	0	4	52	817	15	55	758	59
24				790	792	794	794	797	792	795	798	805	812	812	804	785	802	791	783	787	791	795	796	798	798	803	804	797	0	9	53	816	12	08	777	39
25				801	801	801	805	805	805	808	809	805	802	796	804	793	778	771	773	779	790	796	797	792	789	785	787	795	0	7	36	810	14	16	767	43
26				797	792	802	799	797	799	806	815	822	824	820	798	779	782	779	768	774	784	793	787	776	779	789	791	794	0	9	47	826	15	19	763	63
27				794	794	793	794	797	800	801	805	812	817	825	813	802	796	780	781	790	793	789	785	776	789	789	793	796	0	10	43	827	14	31	772	55
28				789	795	796	797	796	802	804	806	805	805	799	792	788	780	774	786	792	798	800	800	802	804	802	800	796	0	7	30	808	14	40	768	40
29				802	807	810	805	805	806	807	810	807	809	804	793	784	776	782	786	786	780	771	775	785	791	793	789	794	0	7	50	811	18	30	768	43
30				793	797	804	802	803	806	809	813	815	813	814	806	809	804	804	805	804	806	807	808	807	808	809	810	806	0	7	56	816	0	48	791	25
31				811	811	813	813	815	815	815	819	824	825	818	816	812	807	804	801	804	810	813	814	803	799	802	805	811	0	9	15	825	21	03	796	29
MEANS ALL DAYS				799	800	804	802	802	803	804	808	813	813	810	802	794	791	787	787	791	797	798	797	797	797	797	798	800								49
MEANS TEN DAYS ✲																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 105

HORIZONTAL INTENSITY

AUGUST 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				804	802	803	803	808	810	814	823	827	827	820	807	806	804	764	769	767	777	773	776	791	794	797	799	799	0	9	02	831	15	54	762	69
2				801	802	801	805	813	812	810	813	815	809	807	801	797	806	809	782	784	795	797	802	805	801	802	804	803	0	4	52	817	15	36	776	41
3				804	803	809	806	808	812	815	816	818	813	804	794	789	784	785	787	787	796	807	809	811	808	799	795	803	0	7	52	824	13	29	781	43
4				800	802	809	817	815	812	812	813	811	807	798	788	773	760	756	761	795	793	784	790	795	799	804	805	797	0	3	34	819	14	16	749	70
5				807	808	810	812	812	813	815	816	820	823	815	804	803	788	787	793	797	805	813	816	816	816	816	817	809	0	9	17	825	13	57	781	44
6				816	814	817	815	816	818	821	825	835	836	832	821	811	793	790	791	802	808	803	801	810	808	809	812	813	0	9	54	839	14	56	786	53
7				813	815	814	816	817	821	822	825	826	828	819	801	785	796	805	801	800	805	808	811	813	816	816	816	812	0	8	40	829	12	25	782	47
8				817	817	815	817	816	817	822	825	823	825	823	819	809	795	781	786	797	802	805	808	802	802	799	799	809	0	7	45	826	14	16	778	48
9				803	807	808	809	811	815	820	825	826	820	811	797	786	783	775	786	797	807	815	816	816	814	814	816	807	0	7	52	828	14	18	771	57
10				817	818	819	820	821	822	825	830	834	834	824	810	802	796	796	806	812	812	813	812	807	804	807	810	815	0	9	27	838	13	56	790	48
11				812	813	814	818	822	823	825	828	831	829	820	816	804	801	796	808	813	818	815	810	811	810	802	793	814	0	9	04	833	23	53	785	48
12				790	796	803	806	806	809	814	822	828	816	791	778	762	747	754	750	741	740	760	769	773	770	769	773	780	1	8	57	833	15	52	722	111
13				781	785	785	785	788	793	802	813	819	820	805	769	784	776	774	779	775	784	792	800	801	799	800	790	793	0	9	10	826	14	23	769	57
14				791	774	783	782	799	790	795	796	801	799	803	801	783	784	770	769	777	785	793	796	797	795	795	790	790	1	11	11	808	1	29	763	45
15				781	780	779	784	790	794	796	803	814	819	812	802	793	786	782	787	794	805	832	806	789	820	818	810	799	1	17	54	849	20	25	772	77
16				792	793	798	796	825	816	769	754	756	744	725	707	703	701	701	711	716	718	712	725	706	684	678	684	736	1	5	10	856	22	10	673	183
17				703	711	716	757	768	748	749	746	757	747	747	747	756	716	755	725	720	735	745	740	740	726	716	753	734	1	4	47	775	0	01	686	89
18				754	747	759	750	759	768	771	765	771	754	751	768	766	725	724	742	749	729	740	750	728	754	734	731	747	1	5	43	782	9	45	712	70
19				759	756	767	768	762	770	773	764	779	790	763	761	754	751	746	746	754	757	752	726	721	722	754	744	755	1	9	58	794	21	01	707	87
20				729	749	767	780	769	767	770	778	782	755	767	772	759	756	726	747	758	757	769	761	763	768	756	756	760	1	8	11	789	0	07	718	71
21				751	761	766	770	771	776	777	768	778	790	777	762	760	759	759	741	754	755	741	746	756	759	777	778	762	1	9	57	794	13	36	730	64
22				770	760	776	775	761	785	767	787	786	769	769	784	760	771	776	780	759	738	642	656	647	651	645	681	746	2	18	28	862	10	47	549	313
23				721	697	713	718	723	730	729	730	742	717	721	720	712	705	709	708	751	746	745	738	(744	747	736	748)	726	1	8	19	769	13	40	680	89
24				748	770	776	760	762	763	768	769	769	778	780	769	750	751	743	737	751	749	747	751	762	759	764	766	760	1	1	48	798	16	09	723	75
25				772	775	788	791	791	784	788	796	794	788	776	762	746	739	744	751	747	760	756	749	765	769	775	760	769	1	8	00	801	18	25	729	72
26				782	792	762	781	777	781	785	790	796	793	784	770	755	740	743	763	771	773	771	(765	764)	764	768	771	774	0	1	16	803	13	50	735	68
27				780	784	782	784	764	787	790	791	793	804	800	804	801	791	767	745	749	760	776	779	786	785	785	787	783	0	11	27	807	15	40	739	68
28				792	794	794	796	799	803	805	804	800	799	797	790	782	773	774	778	790	797	795	797	799	798	801	804	794	0	23	45	816	13	34	771	45
29				809	806	800	805	814	823	821	814	806	802	767	778	764	758	756	770	776	781	796	793	793	795	794	794	793	0	5	52	828	14	10	752	76
30				796	798	801	805	810	814	816	823	831	836	829	816	811	791	784	772	782	790	796	798	801	799	798	798	804	0	9	04	839	15	28	767	72
31				797	800	803	805	809	812	818	825	827	827	823	816	807	797	791	786	793	804	816	816	811	804	799	801	808	0	8	00	829	15	10	786	43
MEANS ALL DAYS				782	786	789	791	795	796	797	799	802	800	794	786	777	767	764	766	771	777	776	777	778	778	778	780	784								76
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE. MAGNETIC STORM

( ) = INTERPOLATED

⌈ ⌋ = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

☐ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 106

HORIZONTAL INTENSITY

SEPTEMBER 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1947

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				802	805	805	800	807	813	811	813	817	817	816	817	803	788	783	780	786	797	805	808	807	806	804	804	804	0	11	17	822	15	34	779	43
2				805	808	810	822	818	812	821	825	828	829	829	823	814	804	789	788	792	799	804	805	806	807	809	810	811	0	8	36	831	14	35	784	47
3				811	813	815	816	818	820	825	843	859	856	846	842	829	812	827	804	807	695	688	732	737	745	721	728	795	1	16	08	895	18	07	601	294
4				728	726	747	731	729	728	727	733	738	750	757	757	750	731	703	713	726	742	762	766	769	776	773	777	743	1	21	47	794	14	14	690	104
5				776	776	777	775	772	771	774	780	790	796	800	787	774	763	750	746	756	766	759	757	765	762	767	778	772	0	10	06	803	15	50	742	61
6				783	780	789	790	797	805	815	823	840	847	826	804	787	779	770	769	783	796	800	802	794	777	767	767	795	1	9	04	850	24	00	758	92
7				754	758	771	789	772	782	791	797	786	783	781	779	759	756	758	752	765	770	774	777	784	773	770	783	774	1	3	15	806	15	39	744	62
8				768	778	791	794	766	764	766	765	759	778	761	749	746	738	744	766	784	787	789	789	789	788	783	782	773	1	16	46	809	13	26	727	82
9				783	781	780	783	790	790	791	796	792	796	795	792	782	776	770	772	779	789	796	796	793	792	792	792	787	0	7	46	797	14	27	769	28
10				793	795	797	798	801	800	802	806	807	807	804	794	784	785	783	783	793	800	805	806	807	810	810	810	799	0	21	27	811	15	06	780	31
11				807	809	810	811	813	819	823	828	835	838	840	833	818	805	802	802	810	817	817	808	787	762	785	786	812	0	10	24	842	21	01	774	68
12				793	781	783	795	803	790	795	806	816	822	812	802	793	791	793	802	791	788	801	796	794	794	796	796	797	0	9	45	823	1	03	773	50
13				797	794	793	793	800	797	803	794	789	780	773	763	735	704	703	707	712	710	716	688	683	715	734	741	751	1	4	11	806	4	17	662	144
14				757	747	748	753	761	769	775	780	773	764	763	757	741	729	727	699	699	706	683	678	713	732	733	736	738	1	5	50	783	19	28	667	116
15				753	751	751	757	765	768	764	766	766	749	751	737	735	743	740	729	758	740	739	756	736	744	752	752	749	1	22	58	784	15	20	723	61
16				755	759	757	754	779	771	773	776	771	763	764	765	766	752	749	755	779	791	796	(797	784)	785	791	792	772	1	19	02	798	14	12	744	54
17				800	790	791	793	794	798	802	794	787	776	745	761	769	761	762	773	764	772	780	770	736	737	749	777	774	1	0	40	811	10	49	728	83
18				752	757	766	791	775	774	778	776	760	761	749	741	739	738	740	758	757	764	765	760	751	790	773	772	762	1	3	23	803	11	12	730	73
19				774	780	781	781	782	786	789	782	789	779	760	750	754	769	754	760	759	768	764	767	770	766	770	775	771	1	6	14	795	14	41	744	51
20				802	798	788	792	794	791	791	780	779	780	780	781	770	756	757	772	778	786	778	781	785	789	798	783	783	0	0	54	826	13	32	750	76
21				800	793	793	793	796	800	806	805	803	800	791	766	754	752	759	765	776	763	771	777	775	777	783	784	783	0	6	56	808	12	45	749	59
22				787	811	805	794	798	800	793	799	806	807	804	798	797	783	773	761	760	753	727	766	786	778	771	767	784	0	1	30	821	18	30	714	107
23				771	785	791	798	788	794	766	765	782	799	799	798	770	726	747	757	755	748	742	753	773	780	780	782	775	1	11	35	805	13	35	719	86
24				785	787	791	794	797	805	805	805	798	808	813	809	790	800	786	783	775	766	748	740	729	716	715	716	778	1	11	36	815	23	07	679	136
25				692	677	695	680	702	703	694	661	643	628	614	600	602	630	632	643	674	698	712	701	679	702	719	725	671	1	23	42	737	11	48	588	149
26				722	723	744	753	777	766	762	758	756	747	742	758	763	759	756	753	762	763	767	771	773	772	772	773	758	1	4	01	791	0	56	716	75
27				776	775	761	789	791	791	789	795	795	783	781	785	783	776	768	759	767	776	779	783	787	790	790	790	782	0	8	00	798	15	31	756	42
28				789	794	796	801	801	798	801	806	807	808	810	799	786	777	778	785	787	790	787	792	787	795	796	796	794	0	10	01	812	13	41	773	39
29				798	799	797	800	803	802	810	814	814	813	813	800	798	801	795	788	785	781	780	773	783	790	789	792	797	0	7	30	817	19	36	766	51
30				796	796	793	793	792	793	792	786	787	789	781	778	775	777	783	789	791	794	795	795	796	796	802	802	790	0	0	40	799	12	31	774	25
31																																				
MEANS ALL DAYS				777	778	781	784	787	787	788	789	789	788	783	778	769	762	759	760	766	767	768	770	769	772	773	776	776								80
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
☐ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 107

HORIZONTAL INTENSITY

OCTOBER 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS
(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1947

DAY	✽	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				805	806	817	819	825	819	823	821	822	816	794	774	767	773	788	766	777	791	796	787	790	793	794	792	798	1	4	32	832	12	49	754	78
2				800	800	800	823	822	808	814	797	777	767	752	741	730	728	728	730	724	727	728	730	736	716	726	733	760	1	3	47	839	23	59	711	128
3				728	740	756	742	744	756	752	734	716	722	710	690	671	689	707	723	726	738	728	715	752	765	763	764	730	1	1	49	772	12	38	663	109
4				765	769	772	779	782	780	785	788	779	759	743	741	742	756	777	785	785	788	788	789	792	793	793	793	776	0	23	43	797	10	55	738	59
5				795	797	798	801	803	804	805	802	798	797	792	790	786	790	797	799	805	805	805	807	809	809	810	810	801	0	23	23	813	12	47	783	30
6				811	813	814	814	817	819	819	822	825	821	810	797	788	790	796	808	813	812	811	814	815	812	809	813	811	0	8	37	827	13	06	785	42
7				814	814	817	816	816	819	821	822	817	813	811	809	801	802	807	806	805	796	792	801	813	815	814	812	811	0	7	17	823	18	13	789	34
8				816	836	841	809	818	828	815	823	820	825	831	831	827	820	810	806	798	800	806	806	807	802	795	792	815	1	1	59	867	23	28	788	79
9				797	806	805	805	806	812	813	810	801	779	786	793	779	786	772	765	766	761	748	710	724	747	739	797	779	1	23	21	829	19	30	703	126
10				764	782	759	761	741	753	751	748	744	744	754	767	743	734	732	727	730	720	722	735	729	733	740	732	744	1	1	37	813	21	07	697	116
11				761	770	761	761	800	762	751	748	733	709	707	712	717	722	733	735	748	762	762	764	775	761	766	808	751	1	23	18	819	9	28	703	116
12				777	764	768	764	771	793	777	762	741	731	741	767	757	735	709	717	733	741	739	754	763	774	753	776	754	1	0	02	815	14	39	702	113
13				793	789	798	808	796	776	772	766	758	751	752	755	745	743	749	756	762	777	788	782	787	790	790	788	774	1	3	53	820	13	29	739	81
14				790	796	807	796	789	791	797	796	785	785	784	780	767	757	734	743	762	762	746	746	766	763	756	766	773	1	2	39	816	14	32	727	89
15				779	783	797	801	822	800	791	789	783	777	774	773	775	770	762	781	770	778	781	771	743	766	801	772	781	1	4	24	829	20	17	733	96
16				769	784	791	778	782	778	765	794	805	802	785	776	769	760	763	777	781	786	782	798	787	787	788	805	783	0	23	12	818	14	10	753	65
17				791	797	797	794	797	799	800	797	787	785	788	779	771	803	774	782	793	799	791	789	783	786	804	807	791	0	22	59	823	14	30	770	53
18				794	804	822	805	797	802	802	800	797	801	800	792	781	781	788	799	795	791	795	806	802	798	801	824	799	0	2	08	833	12	32	778	55
19				809	807	811	821	811	806	809	811	811	806	806	793	794	787	792	795	801	794	770	775	787	793	796	801	799	0	3	06	830	18	56	761	69
20				802	797	796	794	805	802	799	798	790	775	772	785	785	785	782	782	782	793	798	793	784	782	795	809	791	0	23	58	813	9	56	770	43
21				812	806	802	806	809	814	809	798	802	800	795	786	781	777	778	792	804	803	801	800	(800	789)	800	803	799	0	9	24	819	14	09	771	48
22				815	824	827	816	813	813	809	809	801	795	802	797	783	783	794	799	795	793	798	804	802	800	802	808	803	0	1	49	835	13	01	778	57
23				807	808	810	811	809	812	815	815	816	814	807	793	779	758	763	781	793	795	804	794	788	787	784	783	797	0	8	40	818	13	53	751	67
24				790	799	790	797	799	793	801	798	792	793	795	795	788	789	788	794	799	796	796	799	802	807	802	807	796	0	3	59	812	12	09	785	27
25				809	816	819	827	827	821	817	817	815	819	817	808	801	803	814	817	819	815	814	812	812	816	815	817	815	0	4	44	829	12	50	800	29
26				820	826	824	823	823	824	826	824	818	817	817	813	817	807	800	804	804	806	814	818	820	820	820	820	817	0	6	25	829	14	24	797	32
27				823	823	825	828	828	831	833	832	826	820	818	815	814	815	820	823	824	824	825	827	830	832	830	830	825	0	6	20	834	12	55	813	21
28				830	831	831	832	832	834	837	832	829	823	829	834	832	826	823	828	830	831	830	830	830	830	831	831	830	0	6	21	838	9	21	819	19
29				831	831	831	834	835	838	843	843	840	839	836	830	826	834	840	842	837	832	831	832	833	833	833	834	835	0	6	56	844	12	45	823	21
30				834	834	844	836	832	834	837	837	832	826	826	828	828	829	827	828	826	826	828	831	835	835	833	825	831	0	2	06	848	23	45	820	28
31				832	827	826	831	833	838	844	849	847	850	850	842	829	821	833	833	828	813	825	829	827	826	829	822	833	0	10	19	855	17	31	810	45
MEANS ALL DAYS				799	803	805	804	806	805	804	803	797	792	790	787	780	778	780	785	788	789	788	789	791	792	794	799	794								64
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧖ = NO RECORD

TABLE 108

HORIZONTAL INTENSITY

NOVEMBER 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				825	826	828	830	833	837	838	838	834	830	824	815	815	811	818	823	823	826	823	822	821	822	828	829	826	0	6	57	841	13	56	808	33
2				829	830	831	832	832	833	836	834	817	796	780	796	801	822	851	821	823	817	817	823	823	824	823	822	821	0	7	17	838	10	32	778	60
3				822	823	827	829	831	832	830	827	824	831	829	830	829	831	832	830	827	828	827	816	821	827	826	826	827	0	5	26	834	19	45	815	19
4				828	827	826	829	827	827	831	829	826	841	848	841	828	820	821	824	829	827	823	818	825	817	816	826	827	0	10	22	850	22	24	813	37
5				815	815	818	818	819	821	824	824	816	813	815	813	813	813	813	815	818	818	822	822	(824)	825	824	824	818	0	6	50	828	14	13	811	17
6				825	825	829	830	831	833	837	839	834	832	826	820	822	823	825	826	828	827	827	828	830	830	830	831	829	0	7	28	840	11	22	819	21
7				832	832	834	833	832	834	834	831	828	833	847	853	845	840	838	837	837	839	837	840	842	841	838	836	837	0	11	11	856	8	41	827	29
8				836	834	836	838	837	839	835	825	825	823	822	817	812	811	807	791	800	796	787	792	792	789	796	818	815	0	5	50	843	18	08	778	65
9				807	805	813	811	802	806	797	798	795	795	793	792	788	785	796	800	811	825	819	823	755	740	749	721	793	1	17	02	852	23	14	715	137
10				761	751	772	772	781	778	736	712	698	691	702	705	702	704	707	753	747	756	751	756	769	795	783	768	743	1	22	04	809	9	15	684	125
11				779	796	760	775	775	782	778	764	747	748	758	775	783	774	774	793	806	791	799	(792	774)	771	791	751	777	1	16	27	834	8	49	731	103
12				766	798	770	767	765	776	771	773	771	762	758	764	772	767	765	768	775	791	791	793	791	787	786	787	776	1	1	21	822	0	04	744	78
13				795	806	801	797	792	792	795	799	805	802	800	806	798	792	792	798	794	798	791	795	797	796	797	802	798	0	1	38	817	18	31	787	30
14				806	805	805	806	802	804	805	802	799	796	791	786	792	787	786	788	799	796	797	796	795	791	783	796	796	0	1	59	810	21	38	778	32
15				796	801	799	805	800	800	802	800	799	794	786	792	803	805	809	801	794	798	805	811	812	819	823	824	803	0	22	37	833	10	46	781	52
16				820	817	824	821	815	817	815	817	816	814	812	819	814	808	803	794	796	795	806	799	795	792	799	799	809	0	18	11	827	15	22	790	37
17				798	797	801	804	807	806	801	796	790	783	777	772	777	786	792	803	806	813	808	801	806	813	818	816	799	0	22	16	822	11	35	769	53
18				814	814	816	818	821	826	829	823	813	811	814	814	823	824	823	820	810	815	826	(828	823)	818	822	819	819	0	6	31	830	16	53	806	24
19				817	817	818	821	820	821	832	831	822	817	822	837	819	802	806	795	787	768	771	784	787	789	789	807	807	1	11	30	843	18	21	760	83
20				801	797	796	814	796	790	787	783	781	780	788	795	793	786	786	792	797	802	804	815	807	806	808	817	797	0	19	35	822	9	28	777	45
21				813	819	818	812	814	816	822	828	821	809	799	800	811	807	806	809	809	809	812	817	820	818	812	814	813	0	24	00	842	11	10	793	49
22				836	824	807	807	805	807	813	816	813	811	807	803	797	796	800	805	811	813	818	813	811	806	802	813	810	0	0	08	845	12	48	794	51
23				827	821	816	815	814	816	818	816	807	805	816	821	817	821	821	809	793	797	812	815	819	816	816	811	814	0	0	44	831	16	41	788	43
24				809	813	821	821	819	824	823	821	825	829	827	831	826	825	826	823	826	826	823	824	827	828	828	828	824	0	11	27	833	0	01	806	27
25				829	830	842	825	823	825	829	838	844	847	838	822	815	809	803	807	812	806	801	812	815	815	815	817	822	1	0	00	856	18	10	795	61
26				820	819	821	824	823	824	828	830	831	836	834	832	826	819	816	816	821	820	824	818	821	822	823	824	824	0	9	16	838	14	53	813	25
27				825	827	826	830	822	822	821	823	817	818	821	814	811	813	816	820	827	831	833	830	827	826	827	829	823	0	18	26	835	11	52	810	25
28				834	832	844	856	854	854	856	854	840	851	827	832	833	832	832	831	837	838	838	837	837	836	833	828	839	0	2	41	860	10	46	824	36
29				828	829	833	834	859	842	847	842	832	814	807	812	795	817	818	824	822	823	827	832	832	831	831	835	827	0	6	54	850	12	24	788	62
30				828	828	826	827	825	823	828	831	827	825	831	826	822	820	817	823	826	827	830	830	833	834	835	834	827	0	22	34	837	14	30	813	24
31																																				
MEANS ALL DAYS				814	815	816	817	815	817	817	815	810	807	807	808	806	805	806	807	810	811	812	813	811	811	812	812	811								49
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
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TABLE 109

HORIZONTAL INTENSITY

DECEMBER 1947

24000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DECEMBER 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H M	MAXIMUM	MINIMUM H M	MINIMUM	RANGE
1				834	833	834	840	826	833	840	836	821	825	840	848	847	839	831	828	834	832	821	825	831	832	830	831	833	1	16 57	881	17 48	808	73
2				830	832	833	830	832	838	842	841	835	828	815	807	809	819	828	829	832	828	828	811	811	812	816	818	825	0	7 05	843	19 44	802	41
3				825	816	814	819	823	830	834	836	833	827	822	827	828	833	829	826	831	835	827	827	824	824	828	829	827	0	0 34	838	0 16	810	28
4				829	826	827	828	829	837	846	847	846	844	843	838	838	835	849	846	851	854	847	850	845	831	835	831	840	0	14 37	861	24 00	822	39
5				824	820	824	826	827	833	839	836	826	815	810	811	821	833	839	827	829	829	819	819	825	825	825	822	825	0	14 26	844	18 46	807	37
6				825	825	839	833	835	840	840	837	827	833	825	826	834	821	817	814	824	804	801	798	795	797	788	793	820	1	6 14	844	22 05	785	59
7				798	803	826	811	805	806	812	805	792	778	(770)	783	803	807	802	803	805	805	811	811	816	815	813	812	804	0	2 15	836	10 23	766	70
8				816	819	814	820	805	805	805	801	794	794	802	812	818	814	801	801	810	814	817	814	812	811	815	816	810	0	3 34	827	9 15	790	37
9				817	819	821	821	823	826	830	831	828	827	813	805	817	809	805	810	825	829	815	812	818	825	804	809	818	1	17 00	835	22 27	799	36
10				817	833	832	809	804	809	803	792	795	802	802	804	810	806	804	808	807	811	812	817	818	817	812	817	810	0	2 28	843	7 45	785	58
11				823	823	820	822	822	825	830	827	820	819	809	799	795	792	796	798	808	812	804	803	799	804	810	811	811	0	6 48	834	13 16	790	44
12				813	821	825	816	814	816	822	819	△																	0	2 04	829			
13											△	811	813	807	817	818	818	809	801	809	798	798	800	799	799	800	802		0					
14				815	811	813	811	811	814	813	814	807	811	814	808	807	809	809	809	815	812	807	803	799	804	805	799	809	0	0 54	823	22 57	796	27
15				805	810	807	807	807	803	805	805	805	811	820	822	821	821	821	818	818	815	813	817	822	826	823	809	814	0	21 35	834	2 30	802	32
16				808	811	825	817	817	814	815	815	808	810	811	805	803	806	816	816	817	814	816	819	819	820	820	819	814	0	2 36	828	12 59	801	27
17				820	821	822	822	824	829	835	840	833	825	817	814	817	810	814	816	822	822	828	827	828	823	823	824	823	0	7 26	841	13 26	807	34
18				825	826	824	825	825	828	831	832	829	841	856	860	854	846	842	841	845	842	835	(832	825)	825	828	829	835	0	11 13	862	20 43	824	38
19				830	829	826	830	835	828	833	836	847	852	855	851	835	831	826	818	817	818	816	817	819	820	818	812	829	0	11 07	856	23 58	809	47
20				812	815	817	822	819	820	826	827	829	829	832	835	835	835	829	822	823	822	819	821	823	821	824	819	824	0	13 16	838	0 00	811	27
21				819	820	822	823	826	829	836	844	851	862	869	877	881	881	864	850	842	837	829	830	832	832	832	832	842	0	13 12	883	0 59	812	71
22				836	835	836	838	840	842	845	846	851	863	871	873	870	862	852	847	844	842	841	842	840	836	834	821	846	0	11 28	874	23 56	818	56
23				821	827	827	830	829	833	834	832	825	829	834	839	846	842	827	825	829	829	833	838	834	834	837	830	832	0	19 33	859	23 24	818	41
24				837	832	834	834	834	836	836	839	843	850	853	850	851	851	842	833	826	824	822	827	832	835	836	836	837	0	13 45	856	18 41	820	36
25				835	839	842	839	833	836	842	839	844	856	858	857	862	860	852	846	841	834	833	834	834	836	838	838	843	0	13 01	864	4 46	829	35
26				839	845	843	838	839	846	855	856	844	839	856	845	847	851	827	827	852	824	831	830	837	836	834	837	839	1	7 10	862	14 43	814	48
27				837	839	840	842	841	841	840	830	828	834	835	833	836	821	825	830	834	830	824	819	824	830	833	836	833	0	3 35	844	19 05	813	31
28				831	834	830	830	823	830	834	842	843	839	840	843	841	840	842	833	824	823	823	823	828	831	831	829	833	0	11 07	847	4 13	819	28
29				830	828	827	826	827	833	831	835	834	830	812	814	832	843	845	835	826	824	823	825	833	817	814	819	828	0	14 00	848	10 55	803	45
30				815	817	818	818	821	820	826	834	828	812	797	792	794	801	817	832	835	835	830	833	831	827	833	836	821	0	22 43	843	12 03	788	55
31				836	837	838	840	841	841	837	831	817	805	799	801	816	831	841	837	837	837	835	840	841	840	839	840	832	0	4 47	843	11 15	797	46
MEANS[1] ALL DAYS				824	825	827	826	825	828	831	831	827	827	826	827	830	829	827	825	827	825	823	823	824	824	823	823	826						43
MEANS TEN DAYS *																																		
MEANS FIVE DAYS † (G. M. T.)																																		
MEANS FIVE DAYS ‡ (G. M. T.)																																		

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE. MAGNETIC STORM
- ( ) = INTERPOLATED
- △ = RECORD OFF SHEET
- ⌈ ⌉ = ESTIMATED
- □ = CLOCK STOPPED
- ▽ = LAMP OUT
- ⊼ = NO RECORD

[1] Twenty-nine days only, omitting incomplete days December 12 and 13.

TABLE 110

VERTICAL INTENSITY

JANUARY 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JANUARY 1947

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				844	844	840	838	839	838	842	839	824	813	799	784	765	794	810	824	839	846	849	843	843	847	848	848	830	0	21	35	853	12	11	782	71
2				846	840	841	841	841	844	848	843	821	810	790	777	780	789	800	813	829	842	841	839	837	836	845	855	827	0	23	59	873	11	31	776	97
3				864	844	840	837	841	842	840	851	811	796	781	780	780	786	799	812	834	838	842	841	844	854	854	846	827	1	0	25	877	12	21	777	100
4				841	844	851	844	846	836	821	825	825	807	792	762	787	793	808	834	852	858	851	846	877	844	845	861	832	1	20	30	890	11	11	781	109
5				849	837	838	834	826	840	839	843	849	840	816	799	796	802	808	822	835	841	851	848	848	843	843	838	833	1	0	04	859	12	06	794	65
6				829	856	836	834	842	848	850	843	840	820	794	778	776	791	812	839	862	868	865	867	850	858	844	850	836	1	20	03	881	12	18	771	110
7				848	844	842	835	837	850	852	863	866	857	823	812	806	799	807	818	829	837	846	856	847	840	839	837	837	0	7	56	868	13	25	797	71
8				836	836	836	836	839	850	859	859	853	838	811	791	787	798	810	827	845	858	854	847	845	848	847	839	835	0	6	10	863	12	21	786	77
9				835	835	836	838	841	849	859	867	865	855	794	769	763	774	791	809	821	830	834	833	834	835	838	839	826	0	7	27	871	12	16	761	110
10				836	832	830	830	832	840	852	860	867	849	807	781	764	768	783	806	822	833	836	836	840	841	839	837	826	0	8	47	869	12	48	762	107
11				837	835	833	(831	833)	842	854	864	870	844	796	766	756	758	770	793	817	835	838	835	834	835	837	836	823	0	8	13	872	12	46	755	117
12				835	833	832	830	832	840	854	864	863	848	812	789	779	780	789	803	822	835	832	827	829	(833	833	834)	826	0	8	06	867	12	59	778	89
13				833	832	830	830	831	838	850	859	858	851	820	794	784	786	795	812	826	839	843	835	834	835	838	837	829	0	8	00	861	13	04	783	78
14				839	833	832	831	833	841	840	853	863	856	830	797	769	761	754	775	800	818	832	835	834	836	839	841	823	0	8	50	864	14	36	773	91
15				837	831	828	830	831	834	839	845	855	843	819	783	767	768	780	795	817	831	837	831	831	833	832	833	822	0	8	53	860	12	45	764	96
16				831	830	828	830	834	835	848	850	842	830	809	806	780	767	773	792	812	829	835	835	838	851	852	857	825	1	23	24	863	13	07	761	102
17				852	866	847	826	829	842	842	849	846	825	814	807	799	792	801	810	826	845	853	843	842	844	844	842	833	1	1	29	877	13	42	788	89
18				858	838	833	839	841	841	849	852	843	824	802	795	798	799	807	820	830	837	840	841	844	845	845	838	832	0	7	19	862	11	15	792	70
19				842	839	832	840	845	848	857	861	861	849	824	813	813	809	815	826	830	836	841	850	839	839	839	840	837	0	7	54	867	13	22	807	60
20				838	837	836	839	839	840	849	841	838	817	775	756	759	775	793	810	823	828	830	831	834	837	836	836	821	0	6	32	855	11	46	753	102
21				833	832	829	832	831	844	858	868	865	837	808	791	797	800	814	832	842	849	847	840	836	839	840	842	834	0	7	54	875	11	31	789	86
22				839	838	836	836	838	846	854	868	875	845	802	776	764	765	779	812	831	839	838	836	838	842	839	839	828	0	8	17	882	13	24	762	120
23				839	832	830	832	829	844	856	864	869	855	819	796	785	785	799	816	828	834	[838	836)	834	834	835	833	830	0	8	35	870	13	01	783	87
24				831	835	832	831	836	844	852	856	859	843	814	781	772	780	787	814	860	860	860	850	853	858	861	858	834	1	16	38	875	12	05	770	105
25				849	847	851	853	847	856	871	875	859	846	817	787	775	791	797	823	851	872	903	920	914	882	880	884	852	1	20	43	938	12	56	769	169
26				875	864	821	840	856	853	850	850	862	865	846	829	813	817	824	860	857	876	880	867	880	879	871	860	854	1	18	21	889	2	25	800	89
27				845	861	852	837	843	857	867	881	882	874	851	815	781	782	796	813	827	840	849	856	853	854	858	858	843	1	8	15	888	12	59	776	112
28				849	839	835	835	835	843	855	867	877	868	851	823	799	798	810	832	843	848	850	848	848	851	857	849	842	0	9	16	883	13	11	795	88
29				845	844	842	842	837	837	853	858	867	860	844	826	796	780	785	806	831	851	864	864	865	863	866	857	841	0	22	50	873	13	37	779	94
30				853	844	840	841	841	850	855	862	861	842	828	819	816	813	815	825	832	834	842	851	856	854	848	846	840	0	8	22	864	13	51	812	52
31				848	847	845	845	845	845	846	850	850	845	839	831	825	819	815	822	831	838	840	840	840	839	838	837	838	0	7	30	857	14	40	814	43
MEANS ALL DAYS				843	841	837	836	838	844	850	855	854	840	814	795	786	788	798	816	832	843	847	846	846	846	846	845	833								92
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⏅ = NO RECORD

TABLE 111

VERTICAL INTENSITY

FEBRUARY 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

FEBRUARY 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				845	844	842	842	842	848	851	852	842	834	827	809	796	795	802	817	837	845	841	840	840	840	839	839	834	0	7	04	857	12	50	794	63
2				840	842	842	843	847	851	851	850	848	839	822	815	803	802	810	824	837	842	842	842	839	839	838	838	835	0	6	17	853	13	04	800	53
3				838	837	838	838	839	851	858	849	835	824	801	794	800	809	816	824	838	847	849	852	845	842	843	839	834	0	6	19	860	11	09	793	67
4				841	846	839	840	844	848	859	862	863	845	818	804	813	825	825	825	839	861	865	867	870	856	847	844	844	0	8	37	872	11	45	799	73
5				845	844	844	845	849	856	871	877	871	857	836	816	798	795	799	811	826	836	841	841	843	844	845	842	839	0	7	19	879	13	44	794	85
6				842	840	838	838	839	845	857	868	863	843	821	804	800	805	806	824	850	856	852	851	857	854	851	848	840	0	8	00	871	12	11	798	73
7				845	842	833	839	842	842	857	869	874	867	841	813	795	787	793	810	819	828	841	841	845	855	861	844	837	1	8	42	878	13	29	785	93
8				843	850	858	841	842	843	856	865	862	847	831	812	798	795	797	806	819	843	863	878	879	875	872	879	844	1	22	14	895	14	10	792	103
9				864	857	850	841	848	845	831	846	847	842	821	797	796	797	799	810	831	857	869	857	843	848	849	849	837	1	0	00	875	12	18	795	80
10				852	851	843	840	827	841	853	863	872	862	850	827	814	805	805	812	828	835	855	846	850	862	875	870	843	0	22	08	881	14	25	803	78
11				852	848	848	847	846	848	859	865	868	860	843	827	814	809	805	810	822	835	843	841	842	844	846	847	840	0	8	14	869	14	20	803	66
12				850	849	847	845	843	850	852	854	855	846	824	805	796	791	796	803	816	826	837	840	839	836	842	844	833	0	7	17	860	13	30	789	71
13				845	841	839	834	837	841	851	851	852	840	822	804	796	796	803	812	828	835	838	835	835	837	839	838	831	0	7	46	856	12	58	794	62
14				839	841	839	836	834	839	847	858	847	832	812	793	787	791	799	807	821	831	832	830	(833	836)	836	836	827	0	7	19	862	12	48	785	77
15				836	839	835	832	834	839	847	854	841	822	799	769	762	773	788	801	816	830	834	831	833	833	833	834	821	0	7	26	860	12	34	761	99
16				834	833	832	833	833	835	841	847	846	835	811	778	770	775	790	804	823	865	901	910	939	936	926	909	846	1	20	55	961	12	34	766	195
17				900	876	869	857	861	866	876	878	859	821	802	792	807	822	832	851	863	877	876	880	864	871	871	862	856	1	0	21	919	11	31	786	133
18				846	853	845	844	848	853	869	874	870	854	830	812	807	804	816	839	866	871	861	858	856	849	849	850	847	0	8	05	880	13	21	792	88
19				849	844	842	843	847	852	853	862	862	842	826	812	805	808	822	833	843	852	858	858	866	870	866	866	845	1	22	48	881	12	48	804	77
20				850	838	840	842	840	838	848	857	858	841	822	804	793	799	813	826	838	846	846	844	846	848	847	844	836	1	7	36	862	12	47	790	72
21				841	839	838	837	840	844	854	859	856	832	806	785	776	779	790	809	828	843	848	845	847	845	845	844	830	0	8	03	863	12	53	774	89
22				843	841	839	839	840	844	857	868	858	828	799	785	782	785	796	813	828	842	842	839	840	840	840	839	830	0	7	48	870	12	24	781	89
23				839	839	838	836	838	840	852	861	850	823	795	779	776	786	800	809	819	831	836	835	836	837	839	839	826	0	7	32	862	12	13	774	88
24				838	836	834	834	834	838	850	863	859	836	800	786	778	781	789	801	817	830	834	838	847	842	845	845	827	0	7	49	867	12	15	777	90
25				841	843	845	841	835	838	851	863	860	841	812	796	782	781	793	810	831	845	855	861	870	859	850	847	835	0	20	27	876	13	07	778	98
26				844	843	843	839	837	842	849	859	853	839	824	802	798	803	811	823	839	844	844	842	844	845	848	851	836	0	7	17	869	11	24	798	71
27				851	846	842	840	839	841	851	855	862	864	843	814	796	794	802	813	825	834	837	836	838	840	843	843	835	0	9	22	867	13	22	792	75
28				844	841	840	837	836	841	846	854	851	841	822	803	793	791	796	808	820	834	839	839	839	840	845	844	831	0	▽		▽	13	40	790	
29																																				
30																																				
31																																				
MEANS ALL DAYS				846	844	842	840	841	845	853	860	857	841	820	801	794	796	803	816	831	844	849	849	851	851	851	849	836								85
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 112

VERTICAL INTENSITY

MARCH 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

MARCH 1947

DAY	✻	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				843	838	838	838	838	842	848	845	843	835	823	812	805	807	813	819	829	838	844	841	842	841	841	840	833	0	7	50	851	12	39	802	49
2				839	840	839	837	837	840	847	856	853	834	812	811	784	782	796	810	796	803	865	873	904	930	903	846	839	2	21	42	953	13	16	779	174
3				867	867	875	880	826	824	826	851	878	828	810	807	807	818	826	835	839	922	914	909	926	939	898	899	861	2	17	28	971	12	16	804	167
4				891	899	827	856	843	826	843	864	842	859	831	819	820	833	843	843	884	915	895	882	878	879	871	865	859	1	16	55	922	2	26	801	121
5				859	867	855	852	860	868	869	874	873	842	818	807	801	806	822	838	853	862	864	859	855	858	861	855	849	0	7	57	882	12	10	801	81
6				853	852	851	852	854	860	876	892	888	852	793	763	756	772	793	812	839	852	857	856	854	855	857	856	839	0	7	37	893	12	43	754	139
7				851	848	848	848	849	854	866	879	879	843	797	768	763	768	778	808	847	871	865	857	869	879	860	856	840	1	21	10	891	12	14	760	131
8				851	848	845	845	846	852	865	879	858	830	799	777	765	766	782	812	840	890	899	922	913	959	940	901	854	2	22	42	1000	12	28	751	249
9				916	878	897	883	847	857	854	876	859	849	825	801	790	798	817	841	873	893	890	890	893	887	876	877	861	1	0	12	925	12	18	788	137
10				874	871	866	857	860	858	874	887	882	864	832	804	792	796	804	815	827	844	851	853	856	867	868	862	848	0	7	37	892	12	29	788	104
11				859	857	851	851	851	855	867	878	879	858	830	818	807	802	805	814	832	851	852	854	855	854	856	857	846	0	8	09	883	13	29	800	83
12				854	852	849	848	849	852	864	878	880	854	821	793	777	772	784	795	813	830	842	847	856	859	855	865	837	1	8	03	885	13	06	764	121
13				860	852	849	847	846	849	858	865	867	855	831	821	808	804	802	812	816	826	832	835	844	850	850	850	839	1	7	16	871	14	26	795	76
14				848	848	846	842	844	(844	849	855)	859	844	823	797	784	781	801	805	827	858	858	849	865	887	882	882	841	1	21	44	903	13	26	780	123
15				888	858	851	851	848	856	867	877	868	845	826	814	796	795	804	826	856	888	927	915	896	924	934	884	862	1	18	45	982	13	00	792	190
16				918	879	873	869	870	875	876	877	881	861	849	842	839	833	830	832	842	853	860	863	864	869	876	880	863	0	0	36	934	13	46	829	105
17				879	870	873	870	854	848	837	838	851	832	833	831	826	829	832	842	863	870	871	871	(868	861)	865	878	854	0	2	28	884	12	07	823	61
18				864	851	861	859	859	860	868	865	856	847	832	820	814	815	819	829	842	860	872	873	870	872	870	862	852	0	19	34	876	12	50	811	65
19				860	857	854	856	846	857	865	868	867	854	842	827	821	817	819	836	850	856	859	858	859	859	859	858	850	0	8	00	876	14	19	815	61
20				854	856	857	852	842	853	863	870	874	858	829	815	811	816	824	842	854	857	857	859	862	860	861	861	849	0	8	40	876	12	33	810	66
21				859	854	853	844	848	854	863	871	873	860	837	823	822	823	831	835	842	848	853	854	857	854	856	859	849	0	8	09	879	12	58	820	59
22				857	853	849	850	851	849	856	867	864	853	836	819	811	800	812	820	832	862	872	874	876	875	874	868	849	0	18	43	881	13	30	795	86
23				856	857	845	850	851	853	862	869	859	840	822	809	807	816	822	828	835	851	858	856	871	872	869	887	848	1	23	57	902	12	50	799	103
24				901	863	852	854	854	857	861	868	867	854	829	817	810	806	816	829	842	852	857	861	863	863	863	862	850	0	0	39	909	13	36	802	107
25				861	857	851	845	849	854	857	862	861	848	834	818	806	802	807	827	839	857	854	855	864	863	861	860	846	0	20	50	869	13	38	802	67
26				857	852	849	844	843	850	860	867	863	860	845	826	819	814	821	833	850	873	869	879	876	879	891	880	854	1	22	09	892	13	24	812	80
27				873	860	855	867	842	845	854	867	869	862	846	825	810	802	799	821	833	849	877	870	872	872	871	868	850	1	18	29	881	14	16	795	86
28				874	864	862	846	852	854	865	873	864	868	868	836	837	828	826	848	863	889	894	895	925	902	905	896	868	1	20	56	951	14	17	817	134
29				860	878	871	871	848	851	837	849	852	856	855	849	843	838	842	849	856	859	859	859	866	872	877	873	857	1	1	38	889	0	49	824	65
30				873	861	865	849	852	851	854	861	871	858	854	855	852	849	842	852	858	864	870	884	893	874	870	877	862	1	19	50	903	3	27	831	72
31				861	853	867	848	842	858	869	881	876	867	842	812	802	793	814	827	827	860	863	867	879	889	887	881	853	1	21	37	902	13	33	787	115
MEANS ALL DAYS				866	859	856	854	848	852	859	868	866	851	830	814	806	806	814	827	842	861	868	868	873	878	874	869	850								106
MEANS TEN DAYS ✻																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✻ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⏄ = NO RECORD

TABLE 113

VERTICAL INTENSITY

APRIL 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

APRIL 1947

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				873	864	861	861	863	864	868	874	873	866	851	839	824	816	825	833	846	857	860	860	865	865	867	863	856	0	7	40	879	13	21	813	66
2				858	858	857	859	860	859	867	879	878	865	846	825	810	807	815	829	842	851	851	853	858	865	869	864	851	0	7	36	882	13	39	805	77
3				860	859	855	853	854	856	862	872	871	857	834	806	795	792	795	810	835	850	851	859	858	858	857	852	844	0	8	24	875	13	56	790	85
4				850	850	849	851	851	856	863	867	860	851	837	821	804	799	801	812	828	853	871	883	884	883	871	874	849	1	21	21	893	13	26	798	95
5				861	871	864	852	848	844	852	866	860	851	832	820	807	802	811	823	835	849	854	857	863	864	859	856	846	0	1	24	873	13	10	801	72
6				854	854	852	849	850	854	865	873	873	869	839	816	801	800	805	829	836	853	861	861	862	862	862	865	848	0	7	09	876	13	35	798	78
7				863	857	849	845	852	854	860	863	859	850	835	810	799	797	808	820	837	845	849	854	859	865	867	866	844	0	23	00	868	12	40	793	75
8				861	854	848	848	848	852	860	864	870	860	837	814	801	803	810	820	828	837	849	854	857	870	864	859	844	0	21	30	880	13	04	798	82
9				855	852	850	848	848	851	852	877	852	843	823	813	803	804	821	836	860	884	888	896	891	885	882	877	854	1	19	26	906	13	09	798	108
10				873	867	864	864	863	864	866	868	867	862	856	853	840	829	829	835	845	851	858	861	863	864	863	862	857	0	0	09	876	13	36	827	49
11				861	859	858	858	856	855	858	861	861	863	858	846	834	826	832	844	848	853	853	855	857	858	861	867	853	0	23	59	874	13	27	824	50
12				875	870	857	851	854	856	855	862	869	(863)	860	847	831	829	837	843	855	867	873	874	875	876	876	878	860	0	23	24	879	12	55	821	58
13				874	871	865	862	866	858	853	869	886	882	868	850	821	823	833	845	854	864	867	871	877	875	875	872	862	0	8	57	891	12	47	816	75
14				869	866	861	859	855	857	864	869	871	869	862	851	835	830	831	844	851	861	869	872	874	871	869	870	860	0	20	58	877	13	36	827	50
15				867	862	863	855	852	855	858	866	872	870	859	845	825	822	832	849	857	870	874	(874	875	875)	867	870	859	0	18	01	877	13	04	817	60
16				866	861	857	859	862	859	864	865	865	860	854	846	822	813	819	838	872	862	865	869	881	877	876	872	858	0	20	40	892	13	46	809	83
17				865	860	854	860	859	861	862	864	859	862	857	851	841	835	838	841	851	862	864	865	858	877	892	889	859	2	23	53	916	13	11	834	82
18				881	876	878	827	801	(789	805	824)	860	856	858	865	861	856	855	860	863	868	866	879	933	906	902	913	862	2	20	27	973	5	47	748	225
19				909	885	881	876	878	850	877	878	875	868	867	860	852	843	841	855	858	866	884	881	881	883	886	868	871	1	0	04	918	5	31	828	90
20				861	861	864	864	867	870	874	868	877	871	867	861	837	832	834	838	850	865	877	879	886	883	876	874	864	1	20	53	894	14	23	824	70
21				870	867	870	860	867	868	873	879	883	880	872	861	850	847	844	856	859	862	867	872	875	874	873	869	867	0	8	16	885	14	20	840	45
22				868	865	864	863	864	868	872	880	881	872	862	854	842	836	835	843	854	861	864	867	871	871	871	868	862	0	7	51	884	14	06	833	51
23				865	862	862	861	862	864	865	870	875	874	869	857	839	831	834	838	846	857	861	865	867	867	867	866	859	0	9	00	876	13	44	830	46
24				862	860	858	857	857	861	864	871	877	874	861	846	829	821	828	837	846	856	859	863	866	869	867	864	856	0	8	46	880	13	32	819	61
25				861	860	857	857	857	857	861	867	873	872	864	848	823	817	823	832	843	851	857	862	864	865	867	869	854	0	8	42	875	13	26	815	60
26				872	869	865	861	861	860	860	866	870	860	851	842	829	829	836	844	846	855	858	861	864	868	871	870	857	0	21	56	875	13	15	825	50
27				871	871	866	869	862	861	859	854	856	856	849	845	834	832	841	850	853	859	862	864	866	870	872	870	858	0	3	09	875	12	39	825	50
28				867	867	866	864	866	863	866	870	870	862	855	845	833	830	832	839	853	862	864	865	865	873	879	867	859	0	22	00	895	13	37	826	69
29				867	866	866	868	863	866	866	872	876	874	860	842	830	821	824	838	846	855	864	872	873	879	880	874	860	0	22	36	885	14	07	811	74
30				869	868	867	866	867	866	867	875	879	864	847	831	824	828	836	840	846	859	866	869	867	870	868	865	858	0	7	40	882	12	11	822	60
31																																				
MEANS ALL DAYS				867	864	861	858	857	857	861	868	870	864	853	840	826	822	827	837	848	858	864	867	871	872	872	870	856								73
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS

† = FIVE INTERNATIONAL QUIET DAYS

‡ = FIVE INTERNATIONAL DISTURBED DAYS

[ ] = APPROXIMATE. MAGNETIC STORM

( ) = INTERPOLATED

⌈ ⌋ = ESTIMATED

▽ = LAMP OUT

△ = RECORD OFF SHEET

□ = CLOCK STOPPED

⊼ = NO RECORD

TABLE 114

VERTICAL INTENSITY

MAY 1947 — 51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS — MAY 1947

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DAY	✲	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				865	862	865	860	862	865	864	867	868	868	854	847	818	831	834	857	857	863	867	867	872	873	874	876	860	1	9	10	877	12	34	803	74
2				875	876	873	872	869	869	869	871	876	876	863	854	845	840	843	847	854	861	863	866	868	868	868	867	864	0	9	15	880	13	16	839	41
3				865	863	863	863	865	866	866	873	878	875	865	853	838	825	832	836	847	861	864	867	868	867	867	865	860	0	8	57	880	13	49	823	57
4				866	863	863	863	864	866	867	870	875	872	862	848	835	828	825	831	844	857	864	864	866	866	865	863	858	0	8	51	877	14	19	825	52
5				861	861	861	859	860	861	862	867	872	872	858	856	820	809	818	833	852	860	864	867	866	866	865	864	855	0	9	09	876	13	38	805	71
6				864	864	862	859	860	862	864	867	868	865	853	834	820	818	826	833	848	856	859	862	864	865	868	874	855	0	23	20	881	13	39	817	64
7				867	863	863	858	857	858	861	869	866	866	855	838	827	827	826	832	847	857	857	860	863	864	865	864	855	0	7	50	874	12	48	824	50
8				861	859	857	857	857	857	858	863	870	867	854	837	822	817	820	831	845	855	856	859	861	862	863	862	852	0	8	49	872	13	34	816	56
9				861	860	857	857	857	859	861	865	867	863	848	831	821	827	831	838	844	851	854	856	859	860	861	862	852	0	8	15	869	12	24	819	50
10				860	858	856	856	856	855	856	862	868	864	854	837	823	826	830	838	846	853	857	863	865	868	868	867	854	0	8	23	869	13	40	825	44
11				864	861	860	859	856	856	855	855	858	857	851	846	840	836	836	838	847	856	859	861	865	867	867	865	855	0	21	55	869	14	04	832	37
12				865	863	862	862	858	855	851	848	852	862	860	861	855	847	846	847	851	856	857	863	868	870	868	867	858	0	21	54	871	14	15	844	27
13				866	863	862	860	858	856	855	857	854	861	857	853	847	855	829	834	849	858	860	863	866	865	861	860	855	0	20	40	867	15	08	825	42
14				859	859	860	861	849	851	848	853	861	865	865	862	854	851	847	849	862	865	871	884	885	874	875	870	862	1	19	44	898	14	09	840	58
15				866	865	863	863	862	862	861	863	868	866	862	854	852	841	838	842	858	873	870	867	872	870	878	877	862	1	23	08	890	13	18	837	53
16				863	858	859	862	843	864	860	854	850	869	872	861	853	844	845	853	865	872	887	881	877	891	879	867	864	1	18	57	899	4	33	828	71
17				864	861	856	851	856	863	859	858	866	867	861	853	850	849	853	855	862	869	877	872	877	880	873	872	863	0	21	20	887	7	02	840	47
18				866	867	862	863	863	860	863	867	872	870	861	848	846	838	842	844	863	870	870	871	871	870	870	877	862	0	23	48	886	13	04	836	50
19				869	865	865	858	857	861	856	853	865	870	864	853	841	837	839	850	862	869	873	876	874	874	873	867	861	0	19	16	878	13	48	831	47
20				861	860	860	861	861	861	860	859	866	873	872	866	852	840	835	842	858	867	865	869	872	869	867	865	861	0	20	06	875	14	49	833	42
21				862	857	857	857	857	857	857	859	866	865	856	848	839	834	833	835	845	856	862	(865	863)	865	864	861	855	0	9	03	875	14	02	832	43
22				856	855	854	854	855	858	858	864	869	869	857	846	835	834	833	837	850	857	859	863	866	869	867	865	855	0	8	59	873	14	30	832	41
23				861	857	855	856	855	855	856	858	868	869	862	849	845	835	837	833	843	852	855	859	862	864	864	860	855	1	9	49	871	14	06	829	42
24				855	855	854	854	851	852	851	854	861	862	852	841	826	826	821	816	856	886	888	896	901	898	890	881	859	1	17	45	907	14	49	786	121
25				874	873	869	868	870	868	865	864	871	870	862	857	854	849	851	852	857	865	865	866	869	873	873	873	865	0	9	29	877	13	14	846	31
26				871	870	868	869	869	867	864	863	869	876	868	848	840	840	831	838	845	862	865	873	873	873	873	875	862	0	9	32	877	14	11	823	54
27				872	867	864	864	865	864	855	855	864	867	863	844	832	824	829	836	854	860	867	868	872	874	871	864	858	0	21	29	876	13	51	815	61
28				861	862	859	862	863	861	860	858	860	860	852	844	838	837	835	839	852	859	859	859	859	861	881	866	856	0	22	38	890	14	34	833	57
29				861	858	856	856	857	858	852	851	860	863	859	845	829	828	827	833	837	853	854	866	867	852	852	864	852	0	23	31	875	14	31	825	50
30				862	858	857	851	842	842	839	836	837	834	825	813	808	809	815	824	833	839	840	841	842	842	841	841	836	0	0	53	865	12	42	807	58
31				837	837	838	840	841	841	840	837	839	843	838	828	814	812	814	818	824	830	834	834	837	837	835	836	833	0	9	23	844	12	40	810	34
MEANS ALL DAYS				863	861	860	859	858	859	858	859	864	865	858	846	836	832	833	838	850	860	863	865	867	868	867	866	857								52
MEANS TEN DAYS ✲																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✲ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⩠ = NO RECORD

TABLE 115

VERTICAL INTENSITY

JUNE 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JUNE 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				836	837	833	838	838	837	836	830	812	806	821	827	824	825	824	822	831	847	859	859	859	857	856	853	836	0	18	19	861	8	46	791	70
2				849	843	843	841	842	843	843	841	845	851	849	839	829	823	817	821	830	838	841	843	843	843	842	840	839	0	8	29	856	14	35	818	58
3				838	837	836	838	838	839	841	841	846	846	837	826	819	813	816	817	828	859	841	842	843	844	843	839	835	0	8	21	853	13	27	812	41
4				839	838	834	835	835	836	836	836	839	842	837	831	812	804	803	819	834	846	846	848	851	851	850	850	836	0	9	33	845	14	20	801	44
5				850	845	846	843	842	843	842	839	847	858	858	846	830	826	820	816	833	849	856	856	866	864	863	858	846	1	20	40	868	15	39	800	68
6				851	848	845	846	847	846	844	845	840	864	860	852	842	837	832	831	842	852	854	856	859	860	858	856	849	0	9	53	870	8	44	822	48
7				854	853	851	850	848	846	846	844	854	862	866	859	847	841	844	848	854	859	857	861	864	868	864	861	854	0	21	44	870	12	55	839	31
8				865	862	853	850	848	834	824	822	839	853	855	855	853	851	850	847	843	856	856	859	866	868	869	869	852	0	20	36	875	7	15	812	63
9				862	862	846	845	849	850	846	843	850	856	856	853	850	853	849	846	847	855	860	862	862	868	865	862	854	0	21	48	871	2	47	830	41
10				860	855	854	851	848	846	846	848	854	857	854	848	845	849	847	851	851	855	859	858	860	862	863	862	854	0	22	39	865	12	47	838	27
11				858	855	852	850	849	852	848	845	848	852	854	854	846	846	844	841	848	855	856	858	861	858	858	857	852	0	20	54	866	15	30	836	30
12				855	854	854	854	855	854	850	847	848	852	(849)	845	842	842	841	837	844	853	854	854	854	858	854	855	850	0	21	53	860	15	34	835	25
13				853	853	853	853	853	851	846	838	842	849	848	849	850	847	846	846	849	854	857	859	859	858	858	857	851	0	19	56	862	7	34	835	27
14				852	850	840	849	849	849	843	829	860	847	867	874	868	867	856	841	870	885	879	882	881	878	872	875	861	1	17	53	896	7	29	820	76
15				873	862	865	861	859	858	858	857	860	863	860	851	849	847	849	841	862	867	867	874	871	874	868	863	861	1	1	02	874	4	49	837	37
16				864	857	858	859	860	859	859	858	861	862	862	856	849	840	836	839	846	856	858	859	857	857	859	858	855	0	9	50	867	14	16	834	33
17				859	856	854	857	858	860	859	857	858	862	859	843	858	836	838	842	856	873	879	880	882	885	880	896	862	1	23	44	900	12	58	824	76
18				883	873	849	851	855	856	857	860	863	879	855	846	833	839	839	838	851	861	864	873	873	874	873	869	859	0	0	01	895	12	25	832	63
19				866	859	860	858	856	861	856	857	869	876	872	854	842	836	833	836	836	859	860	861	864	864	863	862	857	0	9	32	878	14	03	831	47
20				862	852	856	857	854	858	858	855	859	863	859	848	842	840	833	832	846	858	859	866	868	867	867	864	855	0	20	11	870	14	41	829	41
21				861	858	856	854	851	849	850	848	853	859	859	854	843	835	831	830	840	849	852	857	861	863	863	862	852	0	21	36	864	14	00	825	39
22				859	857	853	850	852	852	852	844	849	858	855	852	841	837	824	826	835	850	851	853	860	863	865	863	850	0	22	31	867	14	48	818	49
23				861	861	856	853	849	848	845	844	850	856	853	(842)	832	826	823	830	844	847	853	860	864	864	864	870	850	0	23	51	878	13	56	821	57
24				868	855	853	854	854	853	850	847	852	853	850	844	836	835	837	841	847	855	852	857	858	856	864	867	852	0	0	01	876	13	36	832	44
25				867	867	861	863	858	854	852	847	850	852	852	847	842	838	841	847	861	866	872	872	875	876	870	871	858	0	21	28	880	13	54	835	45
26				869	866	866	859	859	858	851	857	857	861	855	842	825	821	823	846	854	863	865	867	873	874	878	877	857	0	23	07	885	14	00	814	71
27				873	865	861	858	855	857	852	846	851	855	851	844	836	830	829	838	848	856	857	859	861	861	864	862	853	0	0	01	884	13	58	826	58
28				862	862	861	859	857	857	855	851	857	863	863	857	844	832	834	837	846	855	855	858	862	862	860	857	854	0	10	10	864	13	34	829	35
29				855	857	858	857	856	855	854	852	853	853	849	846	842	837	830	833	850	857	859	860	859	858	857	854	852	0	18	55	861	15	00	827	34
30				852	851	851	853	854	855	854	854	853	854	859	852	849	837	828	831	841	855	859	859	862	859	856	856	851	0	21	12	867	14	49	827	40
31																																				
MEANS ALL DAYS				859	855	852	852	851	850	848	846	851	855	854	848	841	836	834	836	846	856	858	860	863	863	862	862	852								47
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

- * = TEN LEAST DISTURBED DAYS
- † = FIVE INTERNATIONAL QUIET DAYS
- ‡ = FIVE INTERNATIONAL DISTURBED DAYS
- [ ] = APPROXIMATE, MAGNETIC STORM
- ( ) = INTERPOLATED
- ⌈ ⌋ = ESTIMATED
- ▽ = LAMP OUT
- △ = RECORD OFF SHEET
- □ = CLOCK STOPPED
- ⏃ = NO RECORD

TABLE 116

VERTICAL INTENSITY

JULY 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

JULY 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM H	MAXIMUM M	MAXIMUM	MINIMUM H	MINIMUM M	MINIMUM	RANGE
1				857	859	854	854	854	855	854	851	849	853	853	847	836	840	834	835	842	848	854	854	857	860	859	858	851	0	21	38	861	13	04	830	31
2				854	855	856	851	850	854	853	841	845	855	854	849	848	837	821	822	844	854	851	858	859	859	858	855	849	0	21	33	862	14	39	815	47
3				856	854	849	848	844	849	844	844	854	858	851	847	840	838	833	834	845	851	854	858	859	859	857	858	849	0	9	14	862	14	40	830	32
4				854	852	851	851	851	848	851	844	849	850	848	841	831	828	828	830	841	850	852	852	852	854	853	852	846	0	21	30	855	14	50	826	29
5				851	849	848	847	848	848	848	846	851	859	860	851	835	827	824	830	839	846	850	851	852	852	852	850	846	0	10	18	863	13	50	823	40
6				848	847	846	845	846	847	846	845	855	861	854	840	832	829	832	838	846	850	851	852	853	859	859	855	847	0	9	15	863	13	30	828	35
7				851	848	846	845	845	846	846	845	841	842	846	851	848	839	828	829	837	844	848	851	853	853	853	856	845	0	23	19	857	14	27	826	31
8				849	847	845	846	844	844	844	842	852	859	862	847	837	834	(833	822)	831	842	845	847	851	853	854	855	845	0	10	23	870	15	27	819	51
9				847	843	838	841	842	842	841	836	842	851	853	841	830	827	822	825	836	846	846	847	849	850	850	849	841	0	10	40	855	14	44	818	37
10				847	846	845	845	840	844	843	842	842	856	860	855	845	832	826	829	841	848	848	848	850	851	851	851	845	0	10	07	862	14	37	824	38
11				856	853	846	846	847	844	841	844	850	864	868	855	848	835	834	836	844	850	849	849	850	851	851	852	848	0	9	54	870	13	52	829	41
12				852	849	845	844	844	848	844	842	847	853	854	838	831	821	820	833	847	852	854	854	854	855	850	848	845	0	10	03	859	14	14	814	45
13				848	849	849	848	849	849	849	849	854	852	848	831	822	828	825	834	845	849	850	853	855	856	858	858	846	0	24	00	861	12	43	817	44
14				863	849	850	847	849	848	847	851	859	866	859	844	830	821	824	830	843	850	849	850	(849	845)	846	846	846	0	9	51	871	13	44	820	51
15				849	850	848	847	849	850	850	851	857	860	855	842	828	825	821	828	840	848	851	852	850	850	848	846	846	0	9	14	862	14	24	819	43
16				846	846	847	847	848	850	850	850	858	861	853	835	829	820	823	830	839	849	850	850	851	849	848	846	845	0	9	10	864	13	31	819	45
17				844	843	842	843	843	845	845	846	852	857	851	836	825	816	816	819	833	847	847	845	848	848	849	849	841	0	9	43	858	14	11	813	45
18				845	834	826	842	896	862	883	859	840	845	847	851	842	828	816	820	833	853	862	885	883	874	913	907	856	2	22	41	>914	2	13	763	>151
19				885	879	842	864	853	848	842	842	854	864	860	845	840	826	831	827	841	853	866	869	868	878	865	862	854	1	0	00	900	2	21	819	81
20				862	863	863	856	859	853	853	848	853	860	857	849	844	832	817	825	843	854	859	877	878	883	882	882	856	1	21	09	894	14	03	812	82
21				876	870	865	858	858	854	852	844	854	860	862	859	852	825	825	821	837	851	859	854	859	861	859	856	853	0	0	00	888	14	05	817	71
22				853	851	851	849	849	849	848	843	841	846	850	846	837	826	818	822	837	852	849	853	(858	845)	855	861	845	0	23	26	863	14	46	816	47
23				859	857	852	853	849	846	845	849	852	857	850	832	831	814	816	819	839	856	859	864	869	868	872	868	849	0	18	05	875	13	32	807	68
24				862	862	855	856	855	853	845	845	851	856	853	832	830	828	825	834	841	851	851	854	859	866	858	859	849	0	21	40	878	14	25	820	58
25				861	858	856	855	854	852	852	856	860	864	853	833	828	822	825	820	834	853	854	856	860	864	865	867	850	0	22	45	871	15	26	814	57
26				860	863	858	858	858	852	848	846	847	857	852	845	831	831	825	838	849	857	861	861	874	870	867	863	853	0	20	55	879	14	29	820	59
27				862	866	862	858	856	855	854	851	852	852	852	837	824	815	828	844	854	858	859	864	867	867	866	862	853	0	20	55	870	13	24	808	62
28				861	857	858	856	857	856	854	855	856	859	857	844	829	822	822	832	850	857	854	856	858	858	858	858	851	0	23	25	860	14	20	816	44
29				856	855	854	855	855	853	853	858	861	863	852	836	819	813	816	823	844	853	861	864	867	862	861	863	850	0	20	25	869	13	37	810	59
30				862	855	852	854	856	856	856	857	862	866	858	843	820	810	815	825	841	848	852	855	857	856	854	853	848	0	9	34	867	13	40	808	59
31				850	848	847	849	849	850	852	856	862	865	858	845	832	822	819	822	837	846	849	851	856	859	856	854	847	0	9	12	867	15	01	816	51
MEANS ALL DAYS				856	853	850	850	852	850	849	848	852	857	855	843	834	826	824	828	841	851	853	856	858	859	859	858	848								53
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 117

VERTICAL INTENSITY

AUGUST 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

AUGUST 1947

DAY	✽	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				851	849	849	846	849	848	843	846	859	855	851	840	823	801	809	822	832	850	859	862	861	859	856	853	845	0	8	40	864	13	34	797	67
2				851	845	845	844	840	847	853	859	867	871	861	843	822	810	794	814	829	843	849	853	856	858	858	856	844	0	9	27	873	14	51	784	89
3				848	847	846	848	848	844	847	848	860	867	865	852	840	829	823	826	840	848	848	853	856	857	860	860	848	0	10	16	871	14	36	822	49
4				852	848	842	841	845	848	846	851	864	878	878	858	837	822	818	816	834	847	853	860	859	861	858	855	849	0	10	07	885	15	17	812	73
5				853	850	849	849	849	850	850	855	867	878	878	867	848	832	821	821	831	844	847	848	852	854	854	854	850	0	9	57	882	14	43	818	64
6				851	849	847	847	847	847	845	845	854	863	866	857	839	831	814	816	831	844	849	853	853	855	857	856	846	0	10	24	869	14	41	807	62
7				852	849	847	846	844	845	842	846	853	868	873	865	833	812	808	816	830	843	848	850	853	854	855	854	845	0	10	22	878	14	22	804	74
8				854	852	852	851	851	852	851	852	861	863	865	853	830	819	824	827	837	850	852	852	856	861	864	861	850	0	10	26	868	13	25	815	53
9				857	854	853	852	852	852	851	855	868	873	860	840	831	813	816	817	828	841	847	848	849	851	853	853	846	0	9	30	875	13	34	805	70
10				852	851	851	850	850	848	846	848	857	856	850	836	823	816	818	823	835	846	849	850	855	858	860	856	845	0	22	40	862	13	27	814	48
11				851	849	849	849	849	849	849	851	856	856	853	846	826	813	810	817	834	843	845	849	852	852	861	865	845	0	22	43	869	13	47	804	65
12				856	851	845	845	846	845	840	845	853	855	858	852	841	826	817	833	854	858	874	873	870	869	869	865	852	1	18	06	879	14	45	806	73
13				856	855	855	856	856	851	852	851	867	877	872	863	845	830	817	821	842	853	856	859	859	863	866	868	854	0	9	04	885	14	12	813	72
14				869	865	866	867	856	855	858	853	860	865	847	830	817	800	804	817	832	846	849	853	853	855	864	864	848	1	3	56	878	13	56	793	85
15				865	863	859	851	851	849	849	847	856	854	848	837	823	818	816	817	827	839	835	853	864	857	857	856	845	1	20	38	881	13	43	814	67
16				860	849	847	850	841	840	822	856	842	850	858	848	837	838	840	840	850	864	878	872	904	911	901	904	858	1	20	54	936	6	53	791	145
17				891	878	873	861	850	854	861	862	867	857	864	859	839	834	832	838	851	871	866	874	895	901	901	898	866	1	23	22	918	14	40	821	97
18				891	875	862	868	860	843	843	846	850	852	830	828	822	825	839	853	853	863	838	873	905	894	896	897	859	1	20	45	923	12	38	812	111
19				893	874	867	862	853	846	850	855	853	860	857	850	842	829	820	829	847	859	864	887	896	916	892	906	863	1	21	07	933	14	24	811	122
20				910	880	864	851	855	856	850	850	854	862	861	861	844	829	831	839	845	859	859	867	875	879	890	894	861	1	0	07	934	13	22	822	112
21				895	874	862	854	861	855	859	864	863	867	864	859	836	835	836	845	846	867	883	883	877	884	884	881	864	1	0	07	907	13	04	827	80
22				880	873	869	862	860	845	855	863	869	866	857	852	842	842	836	836	855	891	951	941	939	940	936	925	879	2	18	26	△986	14	06	827	△159
23				904	893	878	876	879	878	879	879	862	868	865	876	869	868	863	859	866	875	879	889	(880	871	878)	879	876	1	0	01	935	8	26	844	91
24				875	871	860	871	866	866	867	871	875	879	873	864	850	839	843	856	867	884	875	884	884	886	882	881	870	1	17	38	899	13	25	836	63
25				877	877	866	872	875	863	862	866	871	875	872	862	852	840	838	840	868	888	883	886	881	883	882	893	870	1	23	27	901	13	40	832	69
26				878	865	868	863	865	864	867	872	879	877	872	862	851	833	832	839	864	872	868	(878	876)	873	877	875	865	0	0	20	889	13	45	831	58
27				872	872	868	865	866	867	868	872	869	871	863	850	844	842	846	856	861	865	874	876	877	875	875	871	865	0	20	00	879	13	36	839	40
28				869	867	867	867	868	868	872	883	889	885	871	863	848	838	833	836	844	860	866	867	868	869	869	869	864	0	8	45	891	14	27	833	58
29				859	861	863	860	860	860	863	876	881	880	868	850	838	829	832	838	851	861	862	867	872	871	869	866	860	0	8	30	887	13	50	827	60
30				869	862	860	859	860	860	862	868	875	875	866	852	836	833	835	842	848	858	862	864	866	866	866	864	859	0	9	16	882	12	45	827	55
31				862	862	860	859	857	859	860	868	879	884	881	866	852	839	831	832	840	845	851	857	863	867	870	868	859	0	9	36	885	15	00	830	55
MEANS ALL DAYS				868	862	858	856	855	853	854	858	864	867	863	853	838	828	826	832	844	857	862	867	871	873	873	872	856								77
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⩟ = NO RECORD

TABLE 118

VERTICAL INTENSITY

SEPTEMBER 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

SEPTEMBER 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				868	867	868	862	853	853	851	867	879	883	877	877	864	857	850	847	845	851	856	860	866	867	868	866	863	0	10	00	887	16	48	844	43
2				864	860	857	855	860	860	859	863	868	870	864	856	844	832	827	824	832	844	854	858	863	864	864	863	854	0	8	35	874	15	19	820	54
3				861	860	858	857	857	856	850	854	859	864	857	860	855	845	810	830	826	866	928	913	911	918	917	924	868	1	18	13	964	16	09	780	184
4				914	906	896	910	865	854	857	843	843	847	859	861	854	840	853	850	853	865	867	870	874	876	878	876	867	1	3	32	925	13	19	834	91
5				874	874	868	862	870	868	868	874	868	877	878	877	864	840	831	841	852	865	874	878	885	894	885	881	869	0	21	24	898	14	09	830	68
6				878	879	868	864	862	859	858	867	880	875	878	866	847	835	832	836	855	862	861	860	867	881	884	897	865	1	8	34	890	14	54	830	60
7				903	888	877	850	847	853	858	865	876	864	878	874	864	856	847	854	861	865	870	874	877	891	890	884	870	1	0	49	908	3	27	825	83
8				897	880	867	857	877	872	864	866	861	855	860	854	841	833	835	838	845	855	861	866	870	871	874	876	861	1	0	35	902	15	07	817	85
9				874	873	871	870	867	870	872	881	880	877	866	851	840	834	833	838	847	857	860	863	867	868	869	872	862	0	8	14	889	14	14	832	57
10				870	867	866	866	865	868	869	874	875	870	858	845	834	826	827	837	848	855	857	860	864	865	866	866	858	0	8	07	877	13	45	825	52
11				864	864	864	864	864	864	864	865	866	861	854	840	829	822	824	834	842	850	855	862	872	881	882	879	857	0	22	56	884	13	40	820	64
12				885	888	875	865	865	869	866	862	870	865	851	838	824	814	821	836	853	863	863	866	870	871	870	868	859	0	1	11	901	14	02	805	96
13				867	869	876	872	872	868	863	874	880	870	859	843	822	820	827	853	863	884	895	908	963	934	907	898	874	1	20	40	982	12	46	814	168
14				888	886	884	880	875	880	873	878	887	884	870	853	831	821	822	856	870	876	917	920	932	919	904	907	880	1	20	42	955	12	59	813	142
15				890	880	875	873	864	869	879	878	880	878	873	855	845	834	834	849	878	882	894	907	916	916	914	911	878	1	23	16	943	13	28	827	116
16				893	882	874	876	852	870	878	888	895	897	888	863	836	827	831	848	855	867	873	(875	874)	875	878	879	870	1	0	05	924	13	15	824	100
17				879	888	877	879	871	867	877	889	891	884	872	849	836	831	850	854	871	879	890	899	905	903	913	914	878	1	23	34	934	13	12	822	112
18				902	889	877	860	875	879	863	878	874	868	865	854	843	843	848	860	873	888	897	891	903	911	889	888	876	1	20	57	935	13	59	836	99
19				889	874	876	875	871	869	874	888	887	886	873	860	849	843	850	861	875	885	888	896	897	903	898	894	878	1	21	55	906	13	51	838	68
20				872	868	875	865	865	868	885	896	891	889	870	851	844	847	853	857	873	878	883	889	894	894	894	892	875	0	22	55	905	12	12	843	62
21				881	884	878	875	876	877	830	888	893	881	866	850	838	839	842	854	875	869	889	888	894	900	903	894	876	0	22	02	909	12	21	837	72
22				886	874	874	876	873	874	883	879	877	871	860	842	829	824	835	861	871	884	905	919	902	900	917	902	876	0	22	19	937	13	04	819	118
23				889	885	879	873	879	877	889	882	887	875	874	859	844	834	844	857	881	888	904	913	903	899	897	892	879	1	19	37	925	13	30	828	97
24				889	886	884	885	883	884	890	901	896	877	861	852	864	838	856	868	885	889	894	908	924	926	931	940	888	1	23	31	965	13	52	832	133
25				939	933	884	895	889	872	862	875	855	863	863	857	862	867	886	926	901	900	897	904	937	911	909	912	892	1	0	23	957	2	54	834	123
26				917	906	862	863	868	873	873	882	878	873	864	861	860	859	866	878	881	885	887	886	887	888	888	891	878	1	0	10	929	3	59	844	85
27				893	887	882	880	885	889	889	894	899	885	859	846	839	841	845	862	873	878	881	880	881	881	882	882	876	0	8	55	904	12	11	837	67
28				882	881	880	879	880	883	889	895	894	881	871	853	848	845	845	849	862	874	878	879	883	882	881	879	874	0	7	45	898	13	05	843	55
29				878	880	875	871	872	873	877	885	887	881	867	847	832	824	832	849	868	883	891	892	888	884	883	883	871	0	18	46	898	13	32	825	73
30				879	878	874	870	873	877	884	886	876	871	846	829	826	825	832	844	866	877	879	880	882	882	882	879	867	0	7	12	890	13	15	824	66
31																																				
MEANS ALL DAYS				886	881	874	871	869	870	871	877	878	875	866	854	844	837	840	852	863	873	882	885	892	892	891	890	871								90
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⧗ = NO RECORD

TABLE 119

VERTICAL INTENSITY

OCTOBER 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

OCTOBER 1947

DAY	✽	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				876	874	869	866	860	873	880	887	884	884	866	838	820	826	817	846	860	866	870	881	888	888	884	883	866	1	9	02	891	14	09	784	107
2				877	877	873	862	865	868	874	891	886	882	867	850	838	842	862	891	901	910	899	917	913	921	907	913	883	1	19	51	941	12	26	834	107
3				912	897	886	881	879	865	879	892	907	898	894	879	863	856	867	876	890	910	902	917	909	905	892	886	889	1	20	00	932	13	20	852	80
4				883	883	882	881	882	882	889	910	918	917	897	863	825	814	825	851	876	886	886	886	890	891	891	891	879	0	9	08	927	13	24	809	118
5				890	884	882	880	881	886	894	904	909	901	874	849	820	806	813	854	857	873	881	880	883	885	888	887	873	0	8	31	910	13	40	805	105
6				883	880	879	878	876	877	885	897	899	887	873	841	821	806	807	827	854	873	879	880	881	888	887	889	869	0	7	11	903	13	26	804	99
7				881	878	876	875	876	872	880	891	894	891	873	848	823	810	815	835	862	885	887	881	881	882	884	884	869	0	8	36	898	14	02	808	90
8				883	881	879	882	862	863	883	886	884	867	852	839	828	829	844	860	879	888	884	883	884	888	893	892	871	1	23	34	896	13	00	826	70
9				890	887	889	880	880	886	894	896	893	870	834	821	821	817	835	873	885	897	901	931	954	934	928	893	883	1	20	55	966	11	47	812	154
10				917	904	903	911	893	887	892	895	903	886	859	852	839	837	843	863	887	915	920	916	913	939	929	921	893	1	21	32	953	13	16	832	121
11				894	898	890	903	869	896	896	889	892	883	867	857	846	849	862	880	897	894	900	914	897	911	909	893	887	1	22	50	926	13	05	839	87
12				904	894	894	893	880	870	884	895	893	883	864	853	838	838	852	872	880	900	917	905	910	928	904	880	885	1	21	07	954	13	00	831	123
13				878	883	872	865	871	888	894	894	899	889	873	850	832	821	851	848	877	888	892	894	893	893	894	896	876	1	8	31	905	13	24	818	87
14				906	897	870	878	889	881	885	901	899	892	887	863	840	827	830	861	865	908	919	918	914	919	916	890	886	1	20	45	932	14	13	821	111
15				885	881	871	868	876	883	884	881	889	893	888	867	851	839	857	866	882	895	902	904	948	919	901	909	885	1	20	23	965	13	26	833	132
16				902	884	877	879	886	886	891	891	896	896	893	875	852	841	846	862	879	889	900	912	899	907	905	896	885	0	19	06	921	13	26	838	83
17				894	887	884	881	884	889	897	904	910	897	877	857	843	839	848	863	875	866	897	900	902	903	900	893	884	0	8	34	913	14	06	839	74
18				894	887	874	884	880	889	897	899	902	888	871	846	836	832	840	851	877	897	895	900	898	900	900	886	880	0	8	03	907	13	26	828	79
19				895	891	866	886	884	888	884	891	897	891	881	864	843	834	835	848	867	886	902	904	906	909	900	895	882	0	21	37	914	13	57	831	83
20				906	903	896	878	868	872	884	894	900	895	882	869	851	851	845	855	876	889	890	892	902	905	894	881	882	0	0	21	912	14	30	843	69
21				885	886	886	882	878	876	885	882	882	873	871	855	843	836	848	862	879	889	890	892	(893	886)	884	888	876	0	20	27	895	13	30	832	63
22				886	881	880	883	885	887	896	902	906	886	856	834	817	816	827	856	880	888	891	890	890	893	893	889	876	0	7	36	910	12	40	813	97
23				888	886	885	865	889	892	899	909	912	905	882	863	849	845	845	856	872	885	892	897	897	897	903	904	885	0	8	12	916	13	27	842	74
24				888	894	895	862	885	892	901	904	897	882	867	859	863	856	860	869	883	890	889	888	891	892	891	888	884	0	7	06	910	13	30	856	54
25				887	884	885	885	887	895	899	901	894	876	858	837	822	821	829	848	871	883	885	887	888	887	887	883	874	0	8	06	905	13	08	818	87
26				882	879	882	883	887	895	901	904	900	882	861	834	813	812	834	860	881	888	885	884	883	883	883	882	874	0	23	24	905	12	58	808	97
27				882	880	880	879	883	892	900	905	901	891	866	839	826	822	833	852	869	882	882	880	881	882	882	882	874	0	7	34	908	13	43	822	86
28				879	879	877	879	882	888	899	904	897	882	846	820	814	816	827	842	861	874	875	875	878	878	877	875	868	0	7	25	908	12	45	814	94
29				874	873	872	873	875	862	892	896	892	888	871	840	810	791	800	827	857	874	875	874	876	877	876	875	864	0	7	23	897	13	34	789	108
30				871	868	864	871	875	885	899	906	906	892	854	818	797	795	809	830	856	869	871	869	872	875	874	876	863	0	8	45	910	12	47	792	118
31				872	872	867	868	868	876	884	887	890	886	867	846	821	817	821	843	869	876	870	872	876	881	876	876	866	0	8	20	893	12	35	815	78
MEANS ALL DAYS				889	885	881	880	879	883	890	896	898	888	870	849	832	827	836	855	875	888	891	894	896	898	895	890	878								95
MEANS TEN DAYS ✽																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

✽ = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 120

VERTICAL INTENSITY

NOVEMBER 1947

51000 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

NOVEMBER 1947

DAY	*	†	‡	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				873	869	867	866	867	872	883	895	889	887	869	847	827	815	819	840	864	873	875	882	882	879	875	875	866	0	7	24	901	13	48	812	89
2				871	871	869	868	867	872	883	900	906	893	864	836	822	820	827	848	864	874	875	872	873	875	876	875	867	0	8	22	914	13	23	819	95
3				872	871	868	869	868	874	884	887	878	867	850	833	825	825	833	851	866	871	876	878	875	875	875	876	864	0	7	01	891	13	06	824	67
4				875	871	871	869	871	875	884	886	879	872	857	840	834	832	840	855	867	873	877	882	882	882	882	883	868	0	23	27	893	13	06	829	64
5				876	872	868	868	869	877	884	886	882	875	858	843	836	836	845	855	864	869	870	868	872	(872)	874	874	866	0	7	58	887	12	44	835	52
6				873	872	869	869	872	878	890	892	879	867	850	832	823	823	836	850	863	871	870	867	869	870	871	871	864	0	7	16	895	12	19	822	73
7				869	869	869	869	872	875	883	885	878	872	851	830	818	817	827	845	861	867	867	866	867	869	871	872	861	0	7	09	887	13	09	815	72
8				871	873	867	868	872	881	893	891	882	868	839	817	811	815	830	854	868	888	904	890	886	890	887	887	868	0	18	35	910	12	19	809	101
9				882	879	876	877	879	879	897	894	884	867	853	838	824	825	836	857	871	876	875	881	950	946	941	922	880	1	20	48	1014	12	49	820	194
10				898	896	878	882	875	863	892	891	876	875	853	847	842	842	853	868	885	894	905	901	905	898	894	888	879	1	20	05	923	13	09	840	83
11				886	880	880	881	880	872	878	898	909	895	875	862	844	841	855	859	870	891	900	(916	934)	960	937	946	890	1	21	52	997	13	25	839	158
12				943	892	884	884	891	902	916	927	920	902	884	866	851	842	857	874	894	905	901	899	903	907	915	907	894	1	0	28	967	13	25	840	127
13				896	886	888	893	898	907	916	925	924	914	888	872	856	849	856	870	888	905	914	912	900	902	904	901	894	0	7	32	927	13	32	848	79
14				894	887	880	884	894	903	917	926	930	919	888	859	845	843	849	864	882	903	912	911	920	917	911	905	893	0	20	56	936	13	03	842	94
15				901	888	891	888	890	901	911	918	914	901	872	850	834	834	841	862	886	896	898	898	901	909	902	896	887	0	7	47	921	12	42	832	89
16				892	892	885	887	892	902	913	917	920	900	861	833	817	818	839	867	888	908	916	911	909	911	905	906	887	0	18	05	930	13	05	814	116
17				903	893	888	888	890	901	917	927	921	905	878	850	833	822	830	851	873	890	901	904	901	898	896	902	886	0	7	14	931	13	48	821	110
18				898	892	888	887	887	895	907	918	915	897	873	842	831	830	836	853	883	891	892	(891	892)	897	899	911	884	0	8	00	923	13	58	829	94
19				902	898	895	893	898	908	912	916	902	881	852	835	837	849	867	890	912	928	938	917	917	916	910	905	895	1	18	29	945	11	39	833	112
20				911	906	899	896	899	905	911	911	907	892	862	843	839	844	856	878	894	903	908	909	897	899	897	895	890	0	6	20	919	11	58	838	81
21				897	894	891	894	897	901	905	919	919	909	876	834	820	833	853	878	895	904	899	896	896	902	905	900	888	0	8	36	921	12	29	818	103
22				888	899	902	901	903	906	914	919	913	900	868	847	838	843	852	870	884	892	898	899	899	905	906	899	889	0	7	24	920	12	18	836	84
23				892	898	895	892	896	899	908	910	898	877	851	824	821	823	839	867	897	901	897	895	895	897	897	899	882	0	6	58	916	11	49	817	99
24				897	891	888	889	895	899	899	892	877	867	855	839	840	845	857	874	888	894	899	893	893	892	892	890	881	0	5	59	904	11	54	837	67
25				889	889	889	892	901	904	903	896	892	876	867	857	844	846	854	871	891	903	906	895	891	891	892	892	885	1	5	00	910	12	24	843	67
26				892	888	888	888	892	899	911	917	911	888	877	867	867	870	875	883	890	897	896	897	895	895	891	888	890	0	7	19	919	11	44	863	56
27				886	885	886	885	892	909	924	923	909	891	870	853	845	844	856	870	886	889	890	890	890	891	889	888	885	0	7	15	927	12	52	842	85
28				885	884	879	881	886	899	913	913	902	888	861	838	826	829	842	862	878	890	892	891	892	896	892	891	880	0	7	06	920	12	08	822	98
29				886	882	882	882	886	896	914	925	921	900	870	841	819	822	840	866	887	898	897	890	892	895	895	893	882	0	7	29	930	12	38	815	115
30				889	881	882	884	889	896	899	905	899	880	867	855	849	847	861	875	890	898	899	893	892	892	892	888	883	0	7	35	909	13	22	843	66
31																																				
MEANS ALL DAYS				890	885	882	882	886	892	902	907	901	888	865	844	834	834	845	864	881	891	895	893	896	898	896	894	881								93
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE. MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌉ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

TABLE 121

VERTICAL INTENSITY

DECEMBER 1947

5100 PLUS TABULAR QUANTITIES, EXPRESSED IN GAMMAS

(THE TABULAR VALUES ARE AVERAGE VALUES FOR SUCCESSIVE PERIODS OF ONE HOUR AS INDICATED 120TH MERIDIAN MEAN TIME)

DECEMBER 1947

DAY	*	†	‡	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	MEAN	CHARACTER	MAXIMUM			MINIMUM			RANGE
																														H	M		H	M		
1				891	889	878	882	893	893	900	900	896	868	844	830	837	847	861	878	894	904	911	898	894	895	896	895	882	1	18	26	916	11	39	828	88
2				894	891	889	889	890	897	904	909	914	907	884	856	841	833	839	856	876	891	896	901	901	900	900	905	886	0	8	34	915	13	24	832	83
3				889	894	887	883	886	889	892	894	890	882	863	849	844	847	862	879	883	886	890	890	893	893	893	892	881	0	0	00	901	12	51	842	59
4				894	892	892	890	890	893	900	905	900	891	878	861	852	851	849	855	867	883	892	889	894	900	896	898	884	0	7	03	907	14	38	845	62
5				910	899	893	890	892	893	899	907	907	889	866	840	840	844	847	868	886	894	898	895	897	900	904	900	886	0	0	25	913	11	37	836	77
6				895	895	885	892	896	899	900	894	894	861	855	855	858	861	879	893	901	910	918	915	925	917	917	917	893	1	20	34	939	11	05	849	90
7				911	911	915	896	896	900	901	906	901	886	(855)	841	841	848	860	878	895	899	899	896	897	900	902	902	889	0	2	35	925	11	42	838	87
8				895	905	893	884	893	902	908	911	906	894	880	872	867	863	878	895	898	900	901	902	899	902	895	894	893	0	7	35	914	13	05	860	54
9				893	893	891	892	895	899	909	909	903	886	868	856	850	849	860	876	889	900	914	919	909	922	913	896	891	1	21	34	933	13	06	844	89
10				893	891	897	897	886	898	901	908	894	880	862	853	857	862	879	891	900	913	919	909	906	906	906	903	892	0	18	40	925	11	24	851	74
11				899	892	892	894	898	903	912	922	920	904	874	852	839	839	857	872	888	904	911	914	916	916	911	907	893	0	8	11	926	13	00	837	89
12				897	899	901	894	886	900	902	898	△																	0							
13											△	907	886	859	837	840	849	862	879	894	912	922	916	918	910	909	905		0							
14				906	895	890	890	892	892	901	906	907	900	890	877	869	859	859	874	895	909	915	918	916	918	911	912	896	0	21	45	925	13	55	857	68
15				909	904	896	896	896	906	913	920	911	903	885	870	861	856	868	886	904	914	917	912	908	909	914	918	899	0	7	30	926	13	20	853	73
16				907	897	890	894	894	901	916	925	921	900	868	844	839	839	847	869	891	907	914	908	903	903	903	903	8[illegible]1	0	7	57	930	13	45	838	92
17				900	897	894	894	896	903	912	921	926	914	891	857	840	840	848	865	882	896	900	900	902	904	902	902	891	0	8	25	930	13	03	837	93
18				903	901	896	895	897	901	909	916	909	887	860	843	838	841	846	864	891	901	905	(904	898)	903	905	904	888	0	7	25	921	12	42	835	86
19				903	900	899	895	901	906	913	920	921	915	892	879	866	860	864	879	892	901	912	905	901	902	905	909	898	0	8	56	925	13	24	858	67
20				911	905	903	902	901	903	910	918	914	906	881	865	856	856	867	884	899	907	909	905	905	906	906	909	897	0	7	21	921	13	14	854	67
21				910	907	901	898	899	903	907	908	908	903	887	875	843	825	828	851	875	886	895	894	894	894	896	896	887	0	1	03	912	13	59	821	91
22				897	896	896	893	896	899	907	910	896	872	851	843	840	848	864	880	894	901	902	899	897	898	903	910	887	0	24	00	913	12	12	839	74
23				911	905	905	907	901	908	918	924	922	891	863	839	825	829	850	874	889	894	893	895	901	908	908	905	890	0	6	58	932	12	45	822	110
24				896	890	891	896	897	902	903	907	904	887	872	862	852	859	873	887	901	908	908	901	902	896	895	893	891	0	18	03	911	12	52	849	62
25				893	892	890	895	901	907	911	906	885	871	857	850	844	850	868	887	901	908	903	901	(900)	897	898	897	888	0	6	46	914	12	26	843	71
26				894	894	893	897	900	913	931	934	931	907	870	849	837	834	849	867	884	897	902	900	898	901	907	903	891	1	6	53	941	13	22	832	109
27				892	891	888	888	897	906	913	917	906	884	851	831	828	826	847	869	890	903	911	901	899	899	897	897	885	0	7	21	922	12	58	821	101
28				894	890	894	894	900	902	903	912	910	886	856	843	843	844	860	883	900	906	905	904	908	900	898	895	889	0	7	30	917	13	19	841	76
29				892	892	889	890	897	901	914	933	937	918	877	829	822	831	843	866	882	893	897	903	905	913	917	901	889	0	8	18	943	11	49	818	125
30				892	889	886	887	889	896	911	923	932	923	892	854	823	804	810	839	867	885	897	898	898	900	899	898	883	0	8	22	935	13	55	799	136
31				895	892	888	888	891	896	904	917	929	919	880	849	835	830	842	861	879	890	893	895	895	898	899	898	886	0	8	42	932	13	20	829	103
MEANS 1) ALL DAYS				899	896	893	893	895	900	908	913	910	894	871	853	844	844	855	873	889	900	904	902	902	903	903	902	890								85
MEANS TEN DAYS *																																				
MEANS FIVE DAYS † (G. M. T.)																																				
MEANS FIVE DAYS ‡ (G. M. T.)																																				

DESIGNATIONS AND REMARKS

* = TEN LEAST DISTURBED DAYS
† = FIVE INTERNATIONAL QUIET DAYS
‡ = FIVE INTERNATIONAL DISTURBED DAYS
[ ] = APPROXIMATE, MAGNETIC STORM
( ) = INTERPOLATED
⌈ ⌋ = ESTIMATED
▽ = LAMP OUT
△ = RECORD OFF SHEET
□ = CLOCK STOPPED
⊼ = NO RECORD

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1) Twenty-nine days only, omitting incomplete days December 12 and 13.